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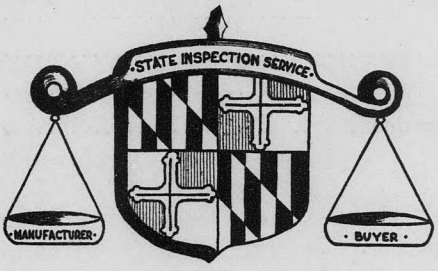
Commercial Fertilizers, Commercial Feeds

AND

Agricultural Liming Materials



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INTRODUCTION

The Fertilizer, Feed and Lime Laws of Maryland are intended to be of mutual protection to the manufacturer, dealer and consumer—to the manufacturer, by prohibiting unfair or dishonest trade practices; to the dealer, by eliminating or regulating irresponsible or unscrupulous sources from which his purchases may be made; and to the consumer, by insuring that he receives exactly what he pays for when he purchases fertilizer, feed or lime.

The Laws require that all bags or packages must have printed upon them, or on tags attached thereto, the net weight, name and address of manufacturer, and guaranteed analysis. Fertilizer manufacturers are required to have printed upon the bag, or attached thereto, the guarantee for nitrogen, phosphoric acid and potash. Feed manufacturers must state guarantees for protein, fat and fibre, together with the name of each ingredient of which the mixtures are composed. Lime manufacturers must state the minimum amount of calcium and magnesium oxide that the package contains.

This publication contains the results of our chemical examination of 481 samples of fertilizer which were collected from warehouses, or in transit, between July 1st and December 31st.

982 samples of feed were analyzed both chemically and microscopically to ascertain if the manufacturers guarantees and declaration of ingredients were sustained.

The results of our chemical examination of 44 official samples of agricultural liming materials are included.

This publication also contains a descriptive list of all brands of fertilizer registered with this Department prior to January 15th and intended for 1935 delivery. From this list of registered brands the buyer is enabled to more intelligently select the product best suited for his soil and crop requirements.

In addition to the analyses of official samples included in this report, 240 samples drawn and forwarded to this Department by purchasers have been examined and reports transmitted to parties particularly interested. Since a representative sample is as essential as an accurate analysis in judging the quality of a product, this Organization can vouch for only the accuracy of the results obtained on the materials submitted.

FERTILIZER ANALYSES

A detailed report of the results obtained in the inspection and analysis of fertilizer from July 1, 1934 to January 1, 1935 is contained in pages 6 to 22, inclusive.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID P_2O_5			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Acme Guano Co., Baltimore, Md.												
Superphosphate 16%	Ellicott City	.....	.....	.....	.....	.....	.....	.80	16.00	17.40	.....	.....
‡†1-9-4	Ellicott City	1.00	1.10	.80	.42	.20	.68	.60	9.00	9.40	4.00	4.22
2-9-5	Baltimore	2.00	1.90	1.60	1.42	.40	.48	.50	9.00	9.60	5.00	5.35
2-9-5	Baltimore	2.00	1.99	1.60	1.46	.40	.53	.50	9.00	9.60	5.00	5.28
‡2-9-5	Ellicott City	2.00	2.04	1.60	1.40	.40	.64	.70	9.00	9.50	5.00	5.16
2-8-5	Ellicott City	2.00	1.91	1.60	1.29	.40	.62	.50	8.00	8.90	5.00	5.08
2-8-5	Baltimore	2.00	2.02	1.60	1.43	.40	.39	.40	8.00	8.40	5.00	5.12
2-8-5	Baltimore	2.00	2.01	1.60	1.50	.40	.51	.70	8.00	8.30	5.00	5.24
2-8-5	Vienna	2.00	1.99	1.60	1.48	.40	.51	.50	8.00	8.70	5.00	5.35
2-8-5	Baltimore	2.00	1.90	1.60	1.35	.40	.55	.50	8.00	8.30	5.00	5.20
2-8-5	Baltimore	2.00	1.99	1.60	1.44	.40	.55	.80	8.00	8.40	5.00	5.04
2-8-5	Hampstead	2.00	1.94	1.60	1.47	.40	.47	.60	8.00	9.50	5.00	5 24
‡0-12-5	Baltimore	.....	.....	.....	.....	.....	.....	.30	12.00	13.00	5.00	5.00
Agricultural Corporation of Maryland, Baltimore, Md.												
Md. Farm Bureau Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	.90	16.00	16.60	.....	.....
Md. Farm Bureau 4-8-5	Baltimore	4.00	3.92	3.50	3.29	.50	.63	.30	8.00	8.40	5.00	5.31
Md. Farm Bureau 3-12-6	Baltimore	3.00	2.84	2.50	2.23	.50	.61	.60	12.00	12.00	6.00	6.00
Md. Farm Bureau 2-12-4	Baltimore	2.00	2.01	1.50	1.40	.50	.61	.80	12.00	12.10	4.00	4.00
Md. Farm Bureau 2-12-4	Baltimore	2.00	2.04	1.50	1.49	.50	.55	.70	12.00	12.00	4.00	4.19
Md. Farm Bureau 2-8-10	Baltimore	2.00	1.99	1.50	1.40	.50	.59	.50	8.00	8.60	10.00	10.16
Md. Farm Bureau 2-8-5	Baltimore	2.00	1.99	1.50	1.45	.50	.54	.60	8.00	8.20	5.00	5.00
Md. Farm Bureau 0-12-5	Baltimore	.....	.....	.....	.....	.....	.....	.60	12.00	12.40	5.00	5.31
Md. Farm Bureau 0-12-5	Baltimore	.....	.....	.....	.....	.....	.....	.50	12.00	12.70	5.00	5.00
American Agricultural Chemical Co., Baltimore, Md.												
AA. Superphosphate 20%	Baltimore	.....	.....	.....	.....	.....	.....	.80	20.00	20.50	.....	.....
AA. Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	1.30	16.00	16.40	.....	.....
AA. Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	1.10	16.00	16.70	.....	.....
AA. Basic Lime Phosphate 13%	Baltimore	.....	.....	.....	.....	.....	.....	1.50	13.00	13.50	.....	.....
AA. Basic Lime Phosphate 13%	Baltimore	.....	.....	.....	.....	.....	.....	1.40	13.00	13.50	.....	.....
AA. Basic Lime Phosphate 13%	Baltimore	.....	.....	.....	.....	.....	.....	1.40	13.00	13.70	.....	.....

AA. Basic Lime Phosphate 13%	Baltimore							1.10	16.00	16.70		
AA. Basic Lime Phosphate 13%	Baltimore							1.50	13.00	13.50		
AA. Basic Lime Phosphate 13%	Baltimore							1.40	13.00	13.50		
AA. Basic Lime Phosphate 13%	Baltimore							1.40	13.00	13.70		
AA. Acme Fertilizer 1-10-5	Baltimore	1.00	1.15	.75	.73	.25	.42	.60	10.00	10.50	5.00	5.04
AA. Acme Fertilizer 1-10-5	Baltimore	1.00	1.01	.75	.64	.25	.37	1.00	10.00	10.00	5.00	5.04
Agrico For Grain 2-12-4	Baltimore	2.00	2.15	1.50	1.54	.50	.61	1.20	12.00	12.00	4.00	4.04
Agrico For Grain 2-12-4	Baltimore	2.00	1.95	1.50	1.43	.50	.52	1.10	12.00	12.30	4.00	4.12
AA. Climax Fertilizer 3-12-6	Baltimore	3.00	2.98	2.25	2.42	.75	.56	.90	12.00	12.50	6.00	6.33
AA. Farmers Friend Fertilizer 2-12-4	Baltimore	2.00	2.01	1.50	1.43	.50	.58	.80	12.00	12.20	4.00	4.08
AA. Farmers Friend Fertilizer 2-12-4	Ellicott City	2.00	1.88	1.50	1.32	.50	.56	.60	12.00	12.30	4.00	4.15
AA. Farmers Friend Fertilizer 2-12-4	Baltimore	2.00	1.98	1.50	1.44	.50	.54	.90	12.00	12.20	4.00	4.00
AA. Farmers Friend Fertilizer 2-12-4	Baltimore	2.00	1.99	1.50	1.38	.50	.61	.60	12.00	12.40	4.00	4.19
AA. Fine Ground Bone 2.47-23	Baltimore	2.47	2.57						*23.00	*24.00		
AA. Ground Tankage 7-9	Ellicott City	7.00	7.53						*9.00	*10.20		
AA. Horse Shoe Fertilizer 2-12-6	Baltimore	2.00	1.99	1.50	1.45	.50	.54	.70	12.00	12.00	6.00	6.38
AA. Kangaroo Komplete Kompound 2-10-4	Baltimore	2.00	1.90	1.50	1.48	.50	.42	.70	10.00	10.10	4.00	4.16
AA. Kangaroo Komplete Kompound 2-10-4	Baltimore	2.00	1.83	1.50	1.33	.50	.50	.80	10.00	10.00	4.00	4.12
AA. Old Hickory Fertilizer 2-8-10	Baltimore	2.00	2.05	1.50	1.52	.50	.53	.80	8.00	8.20	10.00	10.00
AA. Old Hickory Fertilizer 2-8-10	Baltimore	2.00	1.99	1.50	1.45	.50	.54	.70	8.00	8.30	10.00	10.12
AA. Pulverized Sheep & Goat Manure 1.25—1-2	Baltimore	1.25	1.55						*1.00	*2.50	2.00	2.80
AA. Pure Raw Bone 3.70-20	Baltimore	3.70	3.82						*20.00	*22.30		
AA. Red Dog Fertilizer 2-9-5	Baltimore	2.00	2.05	1.50	1.47	.50	.58	.80	9.00	9.00	5.00	5.24
AA. Red Dog Fertilizer 2-9-5	Baltimore	2.00	1.88	1.50	1.32	.50	.56	.90	9.00	9.00	5.00	5.08
AA. Red Dog Fertilizer 2-9-5	Baltimore	2.00	1.90	1.50	1.19	.50	.71	.80	9.00	9.00	5.00	5.03
AA. 2-8-5 Fertilizer	Baltimore	2.00	2.01	1.50	1.35	.50	.66	.80	8.00	8.00	5.00	5.24
AA. 2-8-5 Fertilizer	Baltimore	2.00	1.78	1.50	1.26	.50	.52	.70	8.00	8.10	5.00	5.20
AA. Victory Mixture 0-12-5	Baltimore							.90	12.00	12.50	5.00	5.28
AA. Victory Mixture 0-12-5	Baltimore							1.00	12.00	12.40	5.00	5.12
AA. Victory Mixture 0-12-5	Baltimore							1.00	12.00	12.20	5.00	5.24
Listers Harvest Queen Fertilizer 2-9-5	Baltimore	2.00	1.94	1.50	1.44	.50	.50	.90	9.00	9.40	5.00	5.01
American Soda Products Co., Moorestown, N. J.												
‡Grogreen Plant Tablets	Baltimore	3.00	4.67	1.80	2.92	1.20	1.77	1.20	8.00	8.50	3.00	3.30
Grogreen Fern Food	Baltimore	3.00	4.98	1.80	2.98	1.20	2.00	1.70	8.00	9.20	3.00	3.57
Armour Fertilizer Works, Baltimore, Md.												
Big Crop Superphosphate 16%	Baltimore							.30	16.00	16.40		
Big Crop Superphosphate 16%	Baltimore							.20	16.00	16.00		
Big Crop Superphosphate 16%	Baltimore							.40	16.00	16.10		
‡Big Crop 4-16-10 Fertilizer	Baltimore	4.00	4.11	4.00	3.66		.45	.20	16.00	16.00	10.00	10.00
Big Crop 4-16-10 Fertilizer	Baltimore	4.00	4.06	4.00	3.82		.24	.30	16.00	15.70	10.00	10.42
Big Crop 4-8-7 Fertilizer	Baltimore	4.00	3.86	3.00	2.66	1.00	1.20	.40	8.00	7.80	7.00	8.60

‡Not licensed at time of sale †Mineral and Organic findings do not substantiate manufacturers declaration *Total Phosphoric Acid

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID P_2O_5			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Armour Fertilizer Works, Baltimore, Md.	(Continued)											
†Big Crop 4-8-5 Fertilizer	Baltimore	4.00	3.73	2.40	1.74	1.60	1.99	.30	8.00	9.20	5.00	5.02
†Big Crop 4-8-5 Fertilizer	Baltimore	4.00	4.02	2.40	1.87	1.60	2.15	.20	8.00	8.30	5.00	5.04
Ground Tankage	Baltimore	7.00	6.92	....	....	....	....	....	....	....	....	....
Kainit	Baltimore	....	....	....	....	....	....	....	....	....	14.00	14.36
Big Crop 1-10-5 Fertilizer	Baltimore	1.00	1.05	.75	.56	.25	.49	.50	10.00	10.00	5.00	5.24
Big Crop 1-10-5 Fertilizer	Baltimore	1.00	1.04	.75	.52	.25	.52	.50	10.00	9.70	5.00	5.28
†Big Crop 1-9-4 Fertilizer	Baltimore	1.00	1.01	.75	.28	.25	.73	.40	9.00	9.00	4.00	4.04
†Big Crop 1-9-4 Fertilizer	Baltimore	1.00	1.07	.75	.28	.25	.79	.30	9.00	8.90	4.00	4.15
†Big Crop 1-9-4 Fertilizer	Woodsboro	1.00	1.04	.75	.32	.25	.72	.30	9.00	9.20	4.00	4.12
†Big Crop 1-9-4 Fertilizer	Baltimore	1.00	1.07	.75	.42	.25	.65	.40	9.00	8.80	4.00	4.04
Raw Bone Meal	Baltimore	3.70	3.83	....	....	....	....	....	*20.00	*20.80	....	....
Big Crop 3-12-6 Fertilizer	Baltimore	3.00	2.98	2.25	2.16	.75	.82	.50	12.00	12.00	6.00	6.00
†Big Crop 2-16-8 Fertilizer	Baltimore	2.00	2.08	2.00	1.52	....	.56	.20	16.00	16.40	8.00	8.00
‡†Big Crop 2-16-8 Fertilizer	Baltimore	2.00	1.98	2.00	1.40	....	.58	.40	16.00	16.00	8.00	8.24
Big Crop 2-12-6 Fertilizer	Woodsboro	2.00	2.02	1.50	1.46	.50	.56	.60	12.00	12.00	6.00	6.33
†Big Crop 2-12-4 Fertilizer	Baltimore	2.00	2.01	1.50	1.01	.50	1.00	.50	12.00	12.30	4.00	4.38
Big Crop 2-12-4 Fertilizer	Baltimore	2.00	1.99	1.50	1.26	.50	.73	.40	12.00	11.90	4.00	4.04
Big Crop 2-12-4 Fertilizer	Baltimore	2.00	2.01	1.50	1.36	.50	.65	.50	12.00	12.00	4.00	4.00
†Big Crop 2-9-5 Fertilizer	Baltimore	2.00	1.99	1.50	.91	.50	1.08	.40	9.00	9.10	5.00	5.04
Big Crop 2-9-5 Fertilizer	Baltimore	2.00	1.99	1.50	1.29	.50	.70	.40	9.00	9.10	5.00	5.24
†Big Crop 2-9-5 Fertilizer	Baltimore	2.00	1.98	1.50	1.18	.50	.80	.50	9.00	9.00	5.00	5.00
Big Crop 2-9-5 Fertilizer	Baltimore	2.00	2.01	1.50	1.36	.50	.65	.40	9.00	9.00	5.00	4.90
Big Crop 2-8-10 Fertilizer	Baltimore	2.00	1.90	1.50	1.33	.50	.57	.30	8.00	8.00	10.00	10.32
†Big Crop 2-8-5 Fertilizer	Baltimore	2.00	1.91	1.50	1.05	.50	.86	.20	8.00	8.30	5.00	5.40
Big Crop 2-8-5 Fertilizer	Baltimore	2.00	1.98	1.50	1.26	.50	.72	.40	8.00	8.00	5.00	5.12
Big Crop 2-8-5 Fertilizer	Baltimore	2.00	2.04	1.50	1.32	.50	.72	.40	8.00	8.10	5.00	5.08
Big Crop 2-8-5 Fertilizer	Baltimore	2.00	1.90	1.50	1.40	.50	.50	.30	8.00	8.40	5.00	5.24
Big Crop 0-12-5 Fertilizer	Baltimore	....	....	....	....	....	....	.30	12.00	12.20	5.00	5.00
Big Crop 0-12-5 Fertilizer	Baltimore	....	....	....	....	....	....	.30	12.00	12.50	5.00	5.00
Big Crop 0-10-10 Fertilizer	Baltimore	....	....	....	....	....	....	.30	10.00	10.20	10.00	10.40
Big Crop 0-10-10 Fertilizer	Baltimore	....	....	....	....	....	....	.30	10.00	10.20	10.00	10.86

Big Crop 0-10-10 Fertilizer	Baltimore							.30	10.00	10.20	10.00	10.40
Big Crop 0-10-10 Fertilizer	Baltimore							.30	10.00	10.20	10.00	10.86
Associated Chemical Co., Baltimore, Md.												
Kainit	Baltimore										14.00	17.74
Pure Raw Bone	Baltimore	3.70	3.75						*20.00	*22.60		
Sulphate of Amonia	Baltimore	20.56	20.60									
Baltimore Fertilizer Co., Baltimore, Md.												
Honest 1-9-4	Baltimore	1.00	1.17	.50	.49	.50	.68	.40	9.00	9.40	4.00	4.42
Honest 2-9-5	Bel Air	2.00	2.22	1.50	1.77	.50	.45	.30	9.00	9.10	5.00	6.13
Honest 2-9-5	Baltimore	2.00	1.99	1.50	1.45	.50	.54	.60	9.00	9.60	5.00	5.16
Honest 2-9-5	Baltimore	2.00	1.92	1.50	1.45	.50	.47	.80	9.00	9.10	5.00	5.28
Honest 2-8-10	Bel Air	2.00	2.08	1.50	1.61	.50	.47	.30	8.00	8.30	10.00	10.40
Honest 2-8-5	Bel Air	2.00	2.18	1.50	1.61	.50	.57	.40	8.00	8.40	5.00	5.74
Honest 2-8-5	Baltimore	2.00	2.04	1.50	1.49	.50	.55	.70	8.00	8.10	5.00	5.16
Honest 2-8-5	Glyndon	2.00	1.91	1.50	1.38	.50	.53	.20	8.00	8.20	5.00	5.35
W. J. Barton & Son, Centreville, Md.												
"MBW" Super Phosphate	Centreville							1.10	16.00	16.60		
†"MBW" Caroline Special	Centreville	1.00	1.15	.50	.17	.50	.98	.50	10.00	11.20	4.00	4.19
†"MBW" Caroline Special	Baltimore	1.00	1.14	.50	.07	.50	1.07	.50	10.00	10.00	4.00	4.38
"MBW" 0-11-7	Centreville							.70	11.00	11.00	7.00	7.26
"MBW" 0-12-5	Centreville							.70	12.00	12.50	5.00	4.74
Baugh & Sons Co., Baltimore, Md.												
Baughphos, The Ideal Superphosphate 20%	Baltimore							.50	20.00	20.70		
Baughphos, The Ideal Superphosphate 20%	Maugansville							.80	20.00	20.00		
Baughphos, The Ideal Superphosphate 18%	Baltimore							.50	18.00	19.40		
Baughphos, The Ideal Superphosphate 16%	Baltimore							.70	16.00	16.70		
Baughphos, The Ideal Superphosphate 16%	Baltimore							.30	16.00	17.10		
Baughphos, The Ideal Superphosphate 16%	Baltimore							.60	16.00	16.90		
Baughphos, The Ideal Superphosphate 16%	Woodbine							.70	16.00	16.50		
Baughphos, The Ideal Superphosphate 16%	Baltimore							1.00	16.00	16.50		

‡Not licensed at time of sale †Mineral and Organic findings do not substantiate manufacturers declaration *Total Phosphoric Acid

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID P_2O_5			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Baughphos, The Ideal Superphosphate 16%	Brunswick	....	....	....	....	....	....	.40	16.00	17.60	....	....
Baughphos, The Ideal Superphosphate 16%	Maugansville	....	....	....	....	....	....	.70	16 00	17.00	....	....
‡Lime & Phosphate 16%	Maugansville	....	....	....	....	....	....	1.20	16.00	16.60	....	....
Commercial Crop Compound 2-8-10	Baltimore	2.00	2.13	1.40	1.47	.60	.66	1.00	8.00	8.30	10.00	10.08
Commercial Crop Compound 2-8-10	Baltimore	2.00	2.09	1.40	1.40	.60	.69	1.00	8.00	8.50	10.00	10.32
Commercial Crop Compound 2-8-10	Denton	2.00	1.99	1.40	1.38	.60	.61	.60	8.00	8.10	10.00	12.42
Complete Animal Base Fertilizer 2-9-5	Baltimore	2.00	1.99	1.40	1,21	.60	.78	.80	9.00	9.60	5.00	5.28
Complete Animal Base Fertilizer 2-9-5	Baltimore	2.00	2.04	1.40	1.40	.60	.64	1.00	9.00	9.30	5.00	5.60
Complete Animal Base Fertilizer 2-9-5	Baltimore	2.00	2.11	1.40	1.43	.60	.68	1.20	9.00	9.90	5.00	5.24
Complete Animal Base Fertilizer 2-9-5	Baltimore	2.00	1.98	1.40	1.54	.60	.44	.80	9.00	9.20	5.00	5.04
Complete Animal Base Fertilizer 2-9-5	Maugansville	2.00	1.98	1.40	1.50	.60	.48	.80	9.00	9.00	5.00	5.16
Complete Animal Base Fertilizer 2-9-5	Rising Sun	2.00	2.01	1.40	1.49	.60	.52	1.30	9.00	9.60	5.00	5.35
Double Eagle Phosphate 2-12-4	Baltimore	2.00	2.08	1.40	1.43	.60	.65	1.00	12.00	12.30	4.00	4.26
Double Eagle Phosphate 2-12-4	Baltimore	2.00	2.09	1.40	1.43	.60	.66	1.20	12.00	12.20	4.00	4.16
Double Eagle Phosphate 2-12-4	Baltimore	2.00	1.99	1.40	1:40	.60	.59	1.10	12.00	12.80	4.00	4.42
Double Eagle Phosphate 2-12-4	Maugansville	2.00	2.11	1.40	1.46	.60	.65	1.00	12.00	12.40	4.00	4.38
Double Eagle Phosphate 2-12-4	Brunswick	2.00	1.95	1.40	1.40	.60	.55	1.00	12.00	12.10	4.00	4.40
Double Eagle Phosphate 2-12-4	Denton	2.00	1.99	1.40	1.45	.60	.54	.80	12.00	12.10	4.00	4.19
Double Eagle Phosphate 2-12-4	Baltimore	2.00	2.04	1.40	1.43	.60	.61	.90	12.00	12 50	4.00	4.19
Double Power Fertilizer 4-16-4	Baltimore	4.00	3.99	3.80	3.47	.20	.52	.80	16.00	16.50	4.00	4.34
Excelsior Mixture 1-10-5	Baltimore	1.00	1.18	.70	.67	.30	.51	1.20	10.00	11.10	5.00	5 12
Excelsior Mixture 1-10-5	Woodbine	1.00	1.01	.70	.70	.30	.31	1.10	10.00	10.00	5.00	5.00
Excelsior Mixture 1-10-5	Denton	1.00	1.11	.70	.76	.30	.35	1.00	10.00	9.90	5.00	5.23
Ground Dried Blood	Baltimore	12.00	12.14	....	....	....	....	....	....	....	....	....
Half & Half Mixture, with Potash 1-10-5	Baltimore	1.00	1.07	....	.14	1.00	.93	4.00	10.00	11.80	5.00	5.01
Half & Half Mixture, with Potash 1-10-5	Baltimore	1.00	1.14	....	.14	1.00	1.00	4.80	10.00	10.70	5 00	5.00
The Old Stand-By 2-12-2	Baltimore	2.00	1.99	1.40	1.29	.60	.70	1.00	12.00	12.80	2.00	2.36
1-9-4	Baltimore	1.00	1.08	.70	.70	.30	.38	.60	9.00	9.00	4.00	4.00
1-9-4	Baltimore	1.00	1.15	.70	.87	.30	.28	.90	9.00	9.40	4.00	4.00
Phosphate & Potash Mixture 0-12-5	Baltimore	....	....	....	....	....	....	.80	12.00	12.30	5.00	5.42
Phosphate & Potash Mixture 0-12-5	Baltimore	....	....	....	....	....	....	.80	12.00	12.40	5.00	5.20
Phosphate & Potash Mixture 0-12-5	Brunswick	....	....	....	....	....	....	....	....	....	....	....

1-9-4	Baltimore	1.00	1.08	.70	.70	.30	.38	.60	9.00	9.05	4.00	4.00	
1-9-4	Baltimore	1.00	1.15	.70	.87	.30	.28	.90	9.00	9.40	4.00	4.00	

Phosphate & Potash Mixture 0-12-5	Baltimore							.80	12.00	12.30	5.00	5.42	
Phosphate & Potash Mixture 0-12-5	Baltimore							.80	12.00	12.40	5.00	5.20	
Phosphate & Potash Mixture 0-12-5	Brunswick							.90	12.00	11.60	5.00	5.78	
Pure Steamed Bone Meal	Baltimore	2.47	2.44						*23.00	*24.80			
Raw Bone Meal	Baltimore	3.70	3.71						*21.50	*22.30			
2-8-5	Baltimore	2.00	2.06	1.40	1.40	.60	.66	.80	8.00	8.50	5.00	5.20	
2-8-5	Baltimore	2.00	2.01	1.40	1.32	.60	.69	.80	8.00	8.30	5.00	5.40	
2-8-5	Baltimore	2.00	2.01	1.40	1.43	.60	.58	.80	8.00	8.60	5.00	5.00	
2-8-5	Woodbine	2.00	2.01	1.40	1.60	.60	.41	.90	8.00	8.30	5.00	5.00	
2-8-5	Baltimore	2.00	2.05	1.40	1.47	.60	.58	.90	8.00	8.20	5.00	5.12	
Wheat Fertilizer for Wheat & Grass 2-12-6	Baltimore	2.00	2.01	1.40	1.29	.60	.72	.90	12.00	12.80	6.00	6.52	
Wheat Fertilizer for Wheat & Grass 2-12-6	Baltimore	2.00	2.13	1.40	1.36	.60	.77	1.20	12.00	13.00	6.00	6.42	
Wheat Fertilizer for Wheat & Grass 2-12-6	Rising Sun	2.00	2.01	1.40	1.45	.60	.56	1.00	12.00	12.00	6.00	6.29	
Herbert Bryant, Inc. Alexandria, Va.													
Belle Haven Amoniated	Wash. Grove	2.00	1.99	1.00	.84	1.00	1.15	1.00	8.00	8.30	5.00	5.00	
Belle Haven Amoniated	Silver Spring	2.00	2.04	1.00	.94	1.00	1.10	1.00	8.00	8.10	5.00	5.12	
Genuine Fish & Potash Brand	Wash. Grove	2.00	1.98	1.00	.87	1.00	1.11	.80	9.00	9.30	2.00	2.24	
Genuine Fish & Potash Brand	Dickerson	2.00	1.98	1.00	.84	1.00	1.14	.90	9.00	9.50	2.00	2.25	
Genuine Fish & Potash Brand	Norbeck	2.00	2.04	1.00	1.01	1.00	1.03	.80	9.00	9.30	2.00	2.25	
Phosphate & Tobacco	Wash. Grove							.70	13.00	13.70			
Sulphate of Ammonia	Silver Spring	20.56	20.58										
Central Chemical Co. Inc., Baltimore, Md.													
"Gro-All" Dissolved Phosphate	Baltimore							.80	16.00	16.20			
"Gro-All" Dissolved Phosphate	Frederick							1.70	16.00	15.80			
"Gro-All" Crown Jewel	Hancock	1.00	1.19	.50	.62	.50	.57	.40	10.00	10.40	5.00	5.32	
"Gro-All" Excelsior	Baltimore	2.00	2.02	1.50	1.38	.50	.64	.70	9.00	9.30	5.00	5.04	
"Gro-All" Excelsior	Mt. Lake Park	2.00	2.18	1.50	1.73	.50	.45	.30	9.00	9.20	5.00	5.40	
"Gro-All" Excelsior	Hancock	2.00	2.01	1.50	1.59	.50	.42	.20	9.00	9.20	5.00	5.40	
"Gro-All" Grain Food	Baltimore	2.00	2.06	1.50	1.46	.50	.60	1.50	12.00	12.10	4.00	4.19	
"Gro-All" Grain Food	Frederick	2.00	1.71	1.50	1.24	.50	.47	.20	12.00	12.50	4.00	4.00	
"Gro-All" Potash Special	Baltimore							.60	12.00	12.70	5.00	5.12	
"Gro-All" Super-Fish Brand	Baltimore	2.00	2.01	.50	.72	1.50	1.29	.90	12.00	12.30	6.00	6.21	
"Gro-All" Super-Fish Brand	Baltimore	2.00	2.02	.50	.81	1.50	1.21	1.00	12.00	12.20	6.00	6.32	
"Gro-All" Super-Fish Brand	Frederick	2.00	1.97	.50	.46	1.50	1.51	1.00	12.00	12.30	6.00	6.09	
"Gro-All" Super-Fish Brand	Mt. Lake Park	2.00	1.99	.50	.56	1.50	1.43	1.10	12.00	11.80	6.00	6.36	
Chewsville Cooperative Assoc., Inc., Chewsville, Md.													
Superphosphate 16%	Chewsville							.10	16.00	20.50			
Golden Harvest 2-10-5	Chewsville	2.00	2.12	1.00	1.29	1.00	.83	1.20	10.00	10.80	5.00	5.01	
Phosphate & Potash 0-12-5	Chewsville							1.10	12.00	13.40	5.00	5.20	

‡Not licensed at time of sale

*Total Phosphoric Acid

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID P_2O_5			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Clark and Owings, Ellicott City, Md.												
Mixture "D"	Baltimore	2.00	2.01	.80	.91	1.20	1.10	.40	9.00	9.50	5.00	5.43
‡Mixture "D"	Ellicott City	2.00	2.02	.80	.90	1.20	1.12	.60	9.00	9.20	5.00	5.40
Devilbiss Bros., New Windsor, Md.												
Super Phosphate 16%	New Windsor							1.40	16.00	18.60		
Butcher House 2-8-5	New Windsor	2.00	2.13	1.50	1.81	.50	.32	1.30	8.00	9.30	5.00	5.90
Wheat Grower 1-9-4	New Windsor	1.00	1.18	.70	.95	.30	.23	1.30	9.00	9.80	4.00	5.08
Dorchester Fertilizer Co., Cambridge, Md.												
Crab Brand	Cambridge	2.00	2.08	1.75	1.92	.25	.16	.30	8.00	8.30	6.00	6.40
Crab Brand	Cambridge	2.00	2.18	1.75	1.97	.25	.21	.30	8.00	8.50	6.00	6.40
Dorco Diamond	Cambridge	2.00	2.08	1.60	1.82	.40	.26	1.10	12.00	12.20	4.00	4.08
Dorco Diamond	Cambridge	2.00	2.08	1.60	1.68	.40	.40	1.10	12.00	12.60	4.00	4.16
Favorite	Cambridge	2.00	2.04	1.90	1.88	.10	.16	.30	8.00	8.30	10.00	10.24
Favorite	Cambridge	2.00	1.99	1.90	1.97	.10	.02	.40	8.00	8.10	10.00	10.32
Harvest	Cambridge							.80	12.00	12.70	5.00	5.82
Harvest	Cambridge							.90	12.00	12.50	5.00	5.67
Leader	Cambridge							1.50	13.00	13.00	3.00	3.37
Leader	Cambridge							1.40	13.00	13.20	3.00	3.10
Producer	Cambridge	2.00	2.01	1.90	1.91	.10	.10	.60	8.00	8.10	5.00	5.40
Producer	Cambridge	2.00	2.08	1.90	1.97	.10	.11	.60	8.00	8.70	5.00	5.59
Standard	Cambridge							.40	11.00	11.40	8.00	8.00
Standard	Cambridge							.50	11.00	11.20	8.00	8.38
Dorco Wheat Special	Cambridge	1.00	1.15	.50	.53	.50	.62	1.20	10.00	10.00	5.00	5.38
Dorco Wheat Special	Cambridge	1.00	1.14	.50	.55	.50	.59	1.30	10.00	10.10	5.00	5.40
Winner	Cambridge							.20	10.00	10.10	10.00	10.40
Winner	Cambridge							.20	10.00	10.70	10.00	10.02
Edelen Bros., Baltimore, Md.												
Wheat & Grain Mixture	Baltimore	2.00	1.99	1.50	1.43	.50	.56	.80	9.00	9.70	5.00	5.00
Farmers Cooperative Assoc., Inc., Frederick, Md.												
Superphosphate	Frederick							2.00	16.00	16.60		

Wheat & Grain Mixture	Baltimore	2.00	1.99	1.50	1.43	.50	.56	.80	9.00	9.70	5.00	5.00
Farmers Cooperative Assoc., Inc., Frederick, Md.												
Superphosphate	Frederick	....	....	....	....	....	....	2.00	16.00	16.60	....	....
Rock & Potash Special	Frederick	....	....	....	....	....	....	1.90	12.00	12.50	5.00	5.00
Sure Crop	Frederick	2.00	2.18	1.60	1.60	.40	.58	1.40	12.00	12.40	6.00	6.36
Wheat & Grass Special	Frederick	2.00	2.43	1.40	1.46	.60	.97	1.20	8.00	7.80	5.00	5.94
Farmers Fertilizer and Feed Co., Westminster, Md.												
Superphosphate	Baltimore	....	....	....	....	....	....	.50	16.00	17.50	....	....
Potato Grower	Baltimore	2.00	2.13	1.40	1.54	.60	.59	.90	8.00	8.40	5.00	5.42
Potato Grower	Baltimore	2.00	2.06	1.40	1.49	.60	.57	.90	8.00	8.70	5.00	5.00
Potato Grower	Westminster	2.00	1.97	1.40	1.47	.60	.50	.90	8.00	8.20	5.00	5.00
†X X X	Baltimore	1.00	1.14	.15	.77	.85	.37	.80	9.00	9.50	4.00	4.38
Farmers and Planters Co., Salisbury, Md.												
Fish Brand Fertilizer	Salisbury	2.00	2.20	1.40	1.54	.60	.66	.80	8.00	9.20	5.00	5.86
Rock & Kainit	Salisbury	....	....	....	....	....	....	.60	8.00	7.00	6.00	7.72
Griffith and Boyd Co., Baltimore, Md.												
Super Phosphate H.G. 16%	Baltimore	....	....	....	....	....	....	.50	16.00	17.50	....	....
Fish & Potash Guano Brand	Trego	2.00	1.98	1.40	1.35	.60	..63	.90	11.00	10.70	3.00	3.18
Fish & Potash Guano Brand	Baltimore	2.00	2.01	1.40	1.40	.60	.61	.90	11.00	11.00	3.00	3.40
Fish & Potash Guano Brand	Baltimore	2.00	1.99	1.40	1.32	.60	.67	.80	11.00	11.10	3.00	3.40
Gilt Edge Crop Guano	Baltimore	2.00	1.95	1.40	1.29	.60	.66	1.00	8.00	8.90	10.00	10 08
H. G. Fish & Potash Mixture	Trego	2.00	2.01	1.20	1.16	.80	.85	.90	12.00	12.00	8.00	8.00
Peerless Fertilizer	Baltimore	1.00	1.07	.20	.25	.80	.82	.60	10.00	10.40	5.00	5.43
Pure Fine Ground Bone Meal	Baltimore	3.70	3.79	....	....	....	....	....	*20.00	*20.40	....	....
Pure Fine Ground Bone Meal	Baltimore	3.70	4.41	....	....	....	....	....	*20.00	*20.90	....	....
Reliable Crop Grower	Baltimore	2.00	1.99	1.40	1.10	.60	.89	.70	12.00	12.90	4.00	4.19
Reliable Crop Grower	Baltimore	2.00	2.04	1.40	1.50	.60	.54	.90	12.00	12 40	4.00	4.12
Reliable Crop Grower	Baltimore	2.00	1.99	1.40	1.47	.60	.52	.70	12.00	12.40	4.00	4.19
Reliable Crop Grower	Elk Mills	2.00	2.04	1.40	1.29	.60	.75	.50	12.00	12.30	4.00	5.04
Special 2-8-5 Fertilizer	Baltimore	2.00	2.01	1.40	1.35	.60	.66	.70	8.00	8.20	5.00	5.16
Special Grain Grower	Baltimore	....	....	....	....	....	....	.80	12.00	12.20	5.00	5.08
Special Grain Grower	Baltimore	....	....	....	....	....	....	.80	12.00	12.20	5.00	5.35
Special Grain Grower	Baltimore	....	....	....	....	....	....	.60	12.00	12.40	5.00	5.00
†Special Guano	Baltimore	2.00	2.04	1.40	.76	.60	1.28	.60	9.00	9.10	5.00	5 28
Special Guano	Baltimore	2.00	2.01	1.40	1.22	.60	.79	.40	9.00	9.30	5.00	5.35
Special Guano	Baltimore	2.00	2.06	1.40	1.14	.60	.92	.60	9.00	9.10	5.00	5.40
Special Guano	Baltimore	2.00	2.01	1.40	1.52	.60	.49	.30	9.00	9.10	5.00	5.40
Special Guano	Baltimore	2.00	2.02	1.40	1.43	.60	.59	.50	9.00	9.20	5.00	5.89
Special Guano	Rising Sun	2.00	2.06	1.40	1.36	.60	.70	.40	9.00	9.30	5.00	5.00
Sulphate of Ammonia	Baltimore	20.50	20.76	....	....	....	....	....	....	....	....	....
Truckers Special	Baltimore	4.00	4.07	3.20	3.14	.80	.93	.70	8.00	8.20	5.00	5.40

‡Not licensed at time of sale

†Mineral and Organic findings do not substantiate manufacturers declaration

*Total Phosphoric Acid

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID P_2O_5			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Griffith and Turner Co., Baltimore, Md.												
Alkaline Plant Food	Baltimore	1.00	1.21	.20	.34	.80	.87	.80	10.00	10.30	3.00	3.00
Soft Ground Bone	Baltimore	3.00	2.77	....	....	....	....	....	*14.00	*16.30	....	....
Soft Ground Bone	Baltimore	3.00	3.14	....	....	....	....	....	*14.00	*15.60	....	....
Hampstead Fertilizer Co., Hampstead, Md.												
Superphosphate 16%	Hampstead	....	....	....	....	....	....	1.30	16.00	17.00	....	....
1-9-4	Hampstead	1.00	1.21	.50	.50	.50	.71	.30	9.00	9.60	4.00	4.97
2-8-5	Hampstead	2.00	2.01	1.40	1.43	.60	.58	.20	8.00	8.80	5.00	5.40
Heil Co., Milwaukee, Wis.												
Heil Quality Dehydrated Weedless Sheep Manure	Silver Spring	2.00	2.04	....	....	....	....	....	*1.50	*1.80	2.00	2.34
Horsey, Roe and Co., Greensboro, Md.												
"Suregro"	Greensboro	2.00	1.99	1.40	1.35	.60	.64	.60	8.00	9.10	5.00	6.09
"Suregro"	Greensboro	2.00	1.83	1.40	1.22	.60	.61	.60	8.00	8 80	5.00	6.21
0-12-5	Greensboro	....	....	....	....	....	....	.50	12.00	12.40	5.00	5.30
0-12-5	Greensboro	....	....	....	....	....	....	.50	12.00	13.00	5.00	5.55
Hubbard Fertilizer Co., Baltimore, Md.												
Superphosphate 16%	Baltimore	....	....	....	....	....	....	1.00	16.00	16.30	....	....
Jersey Trucker 2-8-10	Baltimore	2.00	2.02	1.50	1.51	.50	.51	.60	8.00	8.30	10.00	10 00
‡2-12-4 Fertilizer	Denton	2.00	2.05	1.50	1.36	.50	.69	.70	12.00	12.10	4.00	4.34
‡2-10-6 Fish	Denton	2.00	1.99	1.50	1.50	.50	.49	.50	10.00	10.30	6.00	6 24
2-9-5 Fertilizer	Baltimore	2.00	2.02	1.50	1.38	.50	.64	.70	9.00	9.30	5.00	5.16
2-9-5 Fertilizer	Baltimore	2.00	1.99	1.50	1.43	.50	.56	.90	9.00	8.70	5.00	5 20
0-12-5 Alkaline Fertilizer	Denton	....	....	....	....	....	....	.40	12.00	12.70	5.00	5.40
‡0-12-5 Alkaline Fertilizer	Baltimore	....	....	....	....	....	....	.70	12.00	12.30	5.00	5.06
Huston, Culver and Co., Seaford, Del.												
Superphosphate	Federalsburg	....	....	....	....	....	....	1.00	16.00	16.70	....	....

Superphosphate	Federalsburg							1.00	16.00	16.70		
Maryland Milling and Supply Co., Sykesville, Md.												
Super-Phosphate High Grade	Sykesville							.30	16.00	16.80		
Dietrich's Favorite	Sykesville	1.00	1.07	.50	.51	.50	.56	.50	9.00	10.10	4.00	4.77
Dietrich's Favorite	Sykesville	1.00	1.21	.50	.70	.50	.51	1.10	9.00	10.00	4.00	4.62
Newman's Favorite	Sykesville	2.00	2.04	1.50	1.43	.50	.61	.40	8.00	9.00	5.00	6.13
Newman's Favorite	Sykesville	2.00	2.02	1.50	1.43	.50	.59	.80	8.00	8.80	5.00	5.97
1934 Wheat & Grass Mixture	Sykesville	2.00	2.11	1.75	1.68	.25	.43	.70	12.00	13.10	4.00	4.42
Phosphate & Potash	Sykesville							.70	12.00	12.50	5.00	5.82
Phosphate & Potash	Sykesville							.70	12.00	12.20	5.00	5.42
Massey and Wilmer, Chestertown, Md.												
Super-Phosphate	Chestertown							.10	16.00	20.10		
Crop Producer	Chestertown	1.00	1.05	.80	.80	.20	.25	.70	9.00	9.70	4.00	5.12
Crop Producer	Chestertown	1.00	1.01	.80	.75	.20	.26	.80	9.00	10.10	4.00	5.16
Trustworthy	Chestertown	2.00	2.20	1.00	1.24	1.00	.96	.50	8.00	8.70	5.00	5.40
0-12-5	Chestertown							1.50	12.00	13.60	5.00	4.76
0-12-5	Chestertown							1.20	12.00	13.40	5.00	5.00
Medford Fertilizer Works, Medford, Md.												
1-8-5	Medford	1.00	1.18	.75	.79	.25	.38	.50	8.00	8.00	5.00	5.67
2-8-5	Medford	2.00	2.01	1.50	1.66	.50	.35	.50	8.00	8.60	5.00	5.24
0-12-5	Medford							.80	12.00	12.00	5.00	5.12
F. Mehring Fertilizer Works, Inc., Keymar, Md.												
Superphosphate 16%	Keymar							2.00	16.00	16.00		
Big 4	Keymar	1.00	.98	.60	.67	.40	.31	.90	10.00	9.50	5.00	5.90
Indian Chief	Keymar	2.00	1.94	1.60	1.49	.40	.45	.90	12.00	12.10	6.00	6.29
Mammouth Truck Grower	Keymar	2.00	1.91	1.60	1.50	.40	.41	1.00	9.00	9.50	5.00	5.32
1-9-4	Keymar	1.00	1.15	.60	.70	.40	.45	1.10	9.00	9.30	4.00	4.39
Potash Mixture	Keymar							1.00	12.00	12.00	5.00	5.42
2-8-5	Baltimore	2.00	1.91	1.60	1.50	.40	.41	1.20	8.00	8.90	5.00	5.00
2-8-5	Woodsboro	2.00	1.83	1.60	1.52	.40	.31	.80	8.00	8.60	5.00	5.67
Miller Fertilizer Co., Baltimore, Md.												
Superphosphate 20%	Baltimore							.80	20.00	20.10		
Superphosphate 16%	Baltimore							1.00	16.00	16.50		
1-10-5 Fertilizer	Baltimore	1.00	1.04	.50	.42	.50	.62	.80	10.00	10.30	5.00	5.16
1-9-4 Fertilizer	Linwood	1.00	1.05	.50	.60	.50	.45	.40	9.00	9.40	4.00	4.23
3-12-6 Fertilizer	Baltimore	3.00	3.00	2.50	2.47	.50	.53	1.10	12.00	12.20	6.00	6.25
‡2-16-8 Fertilizer	Denton	2.00	2.02	1.50	1.68	.50	.34	.70	16.00	16.50	8.00	8.24
2-12-4 Fertilizer	Baltimore	2.00	2.04	1.50	1.43	.50	.61	1.00	12.00	11.80	4.00	4.34
2-12-4 Fertilizer	Baltimore	2.00	2.01	1.50	1.45	.50	.56	1.50	12.00	12.20	4.00	4.26

‡Not licensed at time of sale

*Total Phosphoric Acid

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID P_2O_5			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
2-9-5 Fertilizer	Baltimore	2.00	2.08	1.50	1.46	.50	.62	.80	9.00	9.00	5.00	5.32
2-8-10 Fertilizer	Baltimore	2.00	1.97	1.50	1.36	.50	.61	.60	8.00	8.40	10.00	10.00
2-8-10 Fertilizer	Baltimore	2.00	1.98	1.50	1.56	.50	.42	.60	8.00	8.10	10.00	10.10
‡2-10-6 Fish	Walkersville	2.00	1.90	1.50	1.26	.50	.64	.60	10.00	10.20	6.00	6.29
2-8-5 Fertilizer	Baltimore	2.00	1.98	1.50	1.47	.50	.51	.80	8.00	8.20	5.00	5.20
2-8-5 Fertilizer	Linwood	2.00	2.02	1.50	1.52	.50	.50	.40	8.00	8.50	5.00	5.00
0-12-5 Fertilizer	Linwood	....	....	....	....	....	....	.30	12.00	12.60	5.00	5.00
0-12-5 Fertilizer	Baltimore	....	....	....	....	....	....	.50	12.00	12.50	5.00	5.12
0-12-5 Fertilizer	Baltimore	....	....	....	....	....	....	.70	12.00	12.20	5.00	5.24
Natural Guano Co., Aurora, Ill.												
‡Sheep's Head Cattle Manure	Bethesda	2.00	2.27	....	....	....	....	....	*1.00	*1.60	2.00	2.21
C. Ober and Sons Co., Baltimore, Md.												
Extra Grade Superphosphate	Baltimore	....	....	....	....	....	....	1.30	20.00	21.00	....	....
Extra Grade Superphosphate	Baltimore	....	....	....	....	....	....	1.40	20.00	20.10	....	....
Superphosphate H. G.	Baltimore	....	....	....	....	....	....	1.00	16.00	17.30	....	....
Red Seal Corn & Wheat Guano	Baltimore	2.00	2.01	1.60	1.61	.40	.40	1.40	12.00	12.30	4.00	4.04
Special Plant Food	Baltimore	2.00	1.85	1.60	1.40	.40	.45	1.40	8.00	8.60	5.00	5.28
Special Plant Food	Baltimore	2.00	1.94	1.60	1.46	.40	.48	1.50	8.00	8.80	5.00	5.02
Stag Guano	Baltimore	1.00	1.05	.70	.67	.30	.38	1.40	9.00	9.30	4.00	4.30
Swan "E" Guano	Baltimore	2.00	1.90	1.60	1.49	.40	.41	1.10	9.00	10.10	3.00	2.72
Twelve & Five Potash Compound	Baltimore	....	....	....	....	....	....	1.90	12.00	11.80	5.00	5.28
Twelve & Five Potash Compound	Baltimore	....	....	....	....	....	....	1.80	12.00	12.00	5.00	5.00
Pacific Manure and Fertilizer Co., San Fran	**cisco, Calif.**											
Groz-It-Brand Pulverized Sheep Manure	Baltimore	1.50	1.49	....	....	....	....	....	*.75	*1.00	2.50	3.02
Peerless Fertilizer Co., Chestertown, Md.												
Farm Bell 0-9-5	Chestertown	....	....	....	....	....	....	.70	9.00	10.10	5 00	5.32
Farm Bell 0-9-5	Chestertown	....	....	....	....	....	....	.70	9.00	9.70	5.00	5.86
Imperial Compound 1-9-4	Chestertown	1.00	1.15	1.00	.76	....	.39	.70	9.00	9.00	4.00	4.74
Imperial Compound 1-9-4	Chestertown	1.00	1.08	1.00	.80	....	.28	.60	9.00	8.70	4.00	4.54

Imperial Compound 1-9-4	Chestertown	1.00	1.15	1.00	.76	....	.39	.70	9.00	9.00	4.00	4.74
Imperial Compound 1-9-4	Chestertown	1.00	1.08	1.00	.80	....	.28	.60	9.00	8.70	4.00	4.54
Our Peerless "Fall" 2-8-5	Salisbury	2.00	2.09	1.75	1.92	.25	.17	.60	8.00	8.10	5.00	5.40
Our Peerless "Fall" 2-8-5	Chestertown	2.00	2.12	1.75	1.57	.25	.55	.80	8.00	8.40	5.00	5.94
Our Peerless 2-8-5	Chestertown	2.00	2.19	1.25	1.90	.75	.29	.60	8.00	8.00	5.00	5.16
2-12-6 Fertilizer	Salisbury	2.00	2.09	1.75	1.88	.25	.21	.80	12.00	12.40	6.00	6.00
2-12-6 Fertilizer	Chestertown	2.00	2.11	1.75	1.83	.25	.28	.90	12.00	12.10	6.00	6.91
Twelve & Five 0-12-5	Chestertown	....	....	....	....	....	....	1.00	12.00	12.50	5.00	5.40
Twelve & Five 0-12-5	Chestertown	....	....	....	....	....	....	.70	12.00	12.40	5.00	5.82
Piedmont-Mt. Airy Buano Co., Inc., Baltimo	**re, Md.**											
Perfection Guano 2-8-5	Baltimore	2.00	2.01	1.50	1.43	.50	.58	.80	8.00	8.60	5.00	5.20
Plantabbs Corp., Baltimore, Md.												
Fulton's Plantabbs 11 15-20	Baltimore	11.00	11.04	....	....	....	....	....	*15.00	*18.00	20.00	25.44
N. V. Potash Export My., Inc., Baltimore, M	**d.**											
High Grade Kainit	Baltimore	....	....	....	....	....	....	....	....	....	20.00	20.96
High Grade Kainit	Baltimore	....	....	....	....	....	....	....	....	....	20.00	20.16
Muriate of Potash	Baltimore	....	....	....	....	....	....	....	....	....	48.00	51.20
Muriate of Potash	Baltimore	....	....	....	....	....	....	....	....	....	48.00	48.00
Muriate of Potash	Denton	....	....	....	....	....	....	....	....	....	48.00	49.70
Warner W. Price, Smyrna, Del.												
L. & P. 1-9-4		1.00	1.17	.45	.59	.55	.58	.50.	9.00	10.20	4.00	4.00
Favorite 2-8-5		2.00	2.15	1.30	1.36	.70	.79	.50	8.00	8.90	5.00	5.08
0-12-5 Phosphate	Millington	....	....	....	....	....	....	.40	12.00	13.30	5.00	5.32
0-12-5 Phosphate		....	....	....	....	....	....	.40	12.00	13.30	5.00	5.40
Pulverized Manure Co., Chicago., Ill.												
Wizard Brand Cattle Manure	Baltimore	2.00	2.08	....	....	....	....	....	*1.00	*1.20	1.00	1.99
Wizard Brand Pulverized Sheep Manure.	Baltimore	2.00	2.01	....	....	....	....	....	*1.00	*1.50	2.00	3.96
Ramsburg Fertilizer Co., Frederick, Md.												
Superphosphate	Frederick	....	....	....	....	....	....	.50	16.00	16.00	....	....
†Ammoniated Phosphate	Frederick	1.00	1.22	.65	.66	.35	.56	.50	10.00	12.00	5.00	5.40
†Excelsior Plant Food	Frederick	2.00	1.99	1.50	1.10	.50	.89	.50	12.00	12.20	4.00	4.81
†Old Virginia Compound	Frederick	2.00	2.11	1.65	1.15	.35	.96	.30	9.00	10.00	5.00	5 28
Royal Crop Grower	Frederick	2.00	2.13	1.50	1.22	.50	.91	.40	12.00	12.50	6.00	6.36
Special Rock & Potash	Frederick	....	....	....	....	....	....	1.30	12.00	12.60	5.00	4.50
Rasin-Monumental Co., Baltimore, Md.												
‡Comet Grain & Grass Grower	Baltimore	2.00	2.06	1.50	1.43	.50	.63	.70	12.00	12.30	4.00	4.26

‡Not licensed at time of sale †Mineral and Organic findings do not substantiate manufacturers declaration *Total Phosphoric Acid

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID P_2O_5			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Reindollar Co., Taneytown, Md.												
Superphosphate 16%	Taneytown							.70	16.00	17.30		
Crop Grower	Taneytown	2.00	2.12	1.50	1.56	.50	.56	.60	9.00	9.80	5.00	6.17
Rock & Potash	Taneytown							1.40	12.00	12.10	5.00	6.17
E. Miller Richardson and Co., Baltimore, Md.												
Rose & Plant Food	Baltimore	2.50	3.99			2.50	3.99		*8.00	*7.80	10.00	9.32
F. S. Royster Guano Co., Baltimore, Md.												
Superphosphate	Baltimore							.70	16.00	16.00		
Superphosphate	Baltimore							.50	16.00	16.40		
Superphosphate	Baltimore							.40	16.00	16.50		
Banner Guano	Baltimore	2.00	2.08	1.60	1.68	.40	.40	.30	8.00	8.20	10 00	10.40
Big Bully Guano	Baltimore	2.00	1.99	1.60	1.64	.40	.35	.30	9.00	9.70	5.00	5 20
Bully Guano	Baltimore	2.00	1.99	1.60	1.54	.40	.45	.70	8.00	8.20	5.00	5.35
Bully Guano	Baltimore	2.00	2.01	1.60	1.61	.40	.40	.30	8.00	8.20	5.00	5.24
Bully Guano	Baltimore	2.00	2.04	1.60	1.57	.40	.47	.80	8.00	8.00	5.00	5.40
Gem Guano	Baltimore	2.00	2.06	1.60	1.64	.40	.42	.70	12.00	12.00	4.00	4.42
Genuine German Kainit	Baltimore										14.00	14 40
Phosphate & Potash	Baltimore							.20	12.00	12.50	5.00	5.04
Phosphate & Potash	Baltimore							.20	12.00	12.30	5.00	5.12
‡Phosphate & Potash	Denton							.20	10.00	10.70	10.00	10.08
Phosphate & Potash	Baltimore							.30	10.00	10.10	10.00	10.16
Rational Guano	Baltimore	1.00	1.02	.80	.62	.20	.40	.40	9.00	9.90	4.00	4.42
Rational Guano	Baltimore	1.00	1.12	.80	.70	.20	.42	.80	9.00	9.10	4.00	4.50
Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.												
Esskay Plant Food	Baltimore	5.00	5.01		.06	5.00	4.95	6.50	9.00	10.50	4.00	4.97
R. H. Slingluff Fertilizer Co., Baltimore, Md.												
Grain & Grass	Baltimore	2.00	2.01	1.50	1.49	.50	.52	1.30	12.00	12.50	4.00	4.22
Southern States Cooperative Inc., Richmond, Va.												
Superphosphate	Baltimore							4.10	16.00	17.00		

Grain & Grass	Baltimore	2.00	2.01	1.50	1.49	.50	.52	1.30	12.00	12.50	4.00	4.22
Southern States Cooperative Inc., Richmond, Va.												
Superphosphate	Baltimore							4.10	16.00	17.00		
2-12-4	Reisterstown	2.00	2.08	1.40	1.30	.60	.78	1.30	12.00	12.50	4.00	4.89
2-12-4	Sykesville	2.00	2.53					1.40	12.00	12.20	4.00	4.00
2-8-10	Vienna	2.00	2.01	1.40	1.15	.60	.86	1.40	8.00	8.40	10.00	10.08
‡†Quality 2-8-5 Open Formula Fert.	Vienna	2.00	1.99	.60	1.05	1.40	.94	1.30	8.00	8.00	5.00	5.38
Standard Wholesale Phosphate & Acid Work, Inc., Balto., Md												
Standard U. S. Superphosphate 20%	Baltimore							.60	20.00	20.50		
Standard U. S. Superphosphate 16%	Baltimore							.50	16.00	16.30		
Standard U. S. Superphosphate 16%	Baltimore							.60	16.00	17.00		
‡Standard U. S. 1-10-5	Baltimore	1.00	1.12	.80	.84	.20	.28	.70	10.00	11.30	5.00	5.12
Standard U. S. 1-9-4	Baltimore	1.00	1.12	.80	.76	.20	.36	.70	9.00	9.70	4.00	4.00
Standard U. S. 2-12-6	Baltimore	2.00	2.02	1.60	1.60	.40	.42	.80	12.00	12.30	6.00	6.25
Standard U. S. 2-12-4	Baltimore	2.00	2.09	1.60	1.57	.40	.52	1.10	12.00	12.40	4.00	4.16
Standard U. S. 2-12-4	Owings Mills	2.00	2.01	1.60	1.54	.40	.47	.80	12.00	12.10	4.00	4.23
Standard U. S. 2-9-5	Baltimore	2.00	2.05	1.60	1.60	.40	.45	.90	9.00	9.20	5.00	5.40
Standard U. S. 2-8-5	Baltimore	2.00	2.26	1.60	1.56	.40	.70	.50	8.00	8.40	5.00	5.16
Standard U. S. 2-8-5	Baltimore	2.00	2.04	1.60	1.56	.40	.48	.90	8.00	8.60	5.00	5.08
Standard U. S. 2-8-5	Owings Mills	2.00	2.15	1.60	1.67	.40	.48	.60	8.00	9.50	5.00	5.12
Standard U. S. 2-8-5	Reisterstown	2.00	2.13	1.60	1.53	.40	.60	.60	8.00	8.70	5.00	5.16
Standard U. S. 0-12-5	Baltimore							.90	12.00	12.20	5.00	5.16
Stimuplant Laboratories, Inc., Long Island City, N. Y.												
‡Stim U Plant (Tablet Form)	Baltimore	11.00	10.28					.10	12.00	14.10	15.00	17.68
Summers Fertilizer Co., Inc., Baltimore, Md.												
‡2-12-4	Baltimore	2.00	1.99	1.75	1.68	.25	.31	1.60	12.00	12.50	4.00	4.16
Swift and Co., Fertilizer Works, Baltimore,												
Red Steer Superphosphate 16%	Baltimore							.60	16.00	16.70		
Bone Meal Fertilizer	Baltimore	2.47	3.14						*23.00	*27.10		
Red Steer 4-12-4	Baltimore	4.00	3.93	3.57	3.51	.43	.42	.60	12.00	12.60	4.00	4.30
Red Steer 1-10-5	Baltimore	1.00	1.24	.78	1.05	.22	.19	.70	10.00	10.90	5.00	5.20
Red Steer 3-12-6	Baltimore	3.00	3.10	2.57	2.67	.43	.43	1.00	12.00	12.40	6.00	6.42
Red Steer 2-12-6	Baltimore	2.00	2.08	1.57	1.60	.43	.48	.60	12.00	12.20	6.00	6.13
Red Steer 2-12-6	Baltimore	2.00	2.13	1.57	1.66	.43	.47	.50	12.00	12.10	6.00	6.40
Red Steer 2-12-4	Baltimore	2.00	1.99	1.57	1.47	.43	.52	.60	12.00	12.30	4.00	4.38
Red Steer 2-9-5	Colora	2.00	2.02	1.59	1.36	.41	.66	.20	9.00	9.50	5.00	5.12
†Red Steer 2-8-5	Baltimore	2.00	1.99	1.57	1.31	.43	.68	.60	8.00	7.80	5.00	5.24
Vigoro	Baltimore	4.00	4.09	4.00	3.96		.13	1.00	12.00	12.90	4.00	4.40

‡Not licensed at time of sale *Total Phosphoric Acid †Mineral and Organic findings do not substantiate manufacturers declaration

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID P_2O_5			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Tennessee Corp., Lockland, Ohio												
Loma	Baltimore	5.00	4.98	4.00	4.15	1.00	.83	.70	10.00	11.30	4.00	4.00
†Soil-Prep	Baltimore	4.00	4.13	....	1.76	4.00	2.37	....	*2.00	*3.60	2.00	2.92
I. P. Thomas and Son Co., Philadelphia, Pa.												
Superphosphate 16%	Denton	....	....	....	....	....	....	.70	16.00	18.00	....	....
‡Superphosphate 16%	Denton	....	....	....	....	....	....	1.30	16.00	17.40	....	....
‡Farmers' Choice 2-12-4	Denton	2.00	1.99	1.20	1.40	.80	.59	1.10	12.00	12.90	4.00	4.22
1-10-5	Denton	1.00	1.14	.76	.63	.24	.51	.80	10.00	10.40	5.00	5.47
‡1-10-5	Denton	1.00	1.24	.76	.66	.24	.58	.70	10.00	10.40	5.00	5.67
Potash Mixture 0-12-5	Denton	....	....	....	....	....	....	1.00	12.00	12.40	5.00	5.78
‡Potash Mixture 0-12-5	Denton	....	....	....	....	....	....	1.10	12.00	12.20	5.00	5.67
†10% Sweet Potato 2-8-10	Denton	2.00	1.99	1.15	1.54	.85	.45	.80	8.00	8.30	10.00	10.24
10% Sweet Potato 2-8-10	Denton	2.00	2.18	1.15	1.57	.85	.51	.90	8.00	8.60	10.00	10.00
†Victor Potash Fertilizer 2-9-5	Denton	2.00	2.11	1.15	1.43	.85	.68	.40	9.00	10.70	5.00	5.35
‡Victor Potash Fertilizer 2-9-5	Denton	2.00	2.01	1.15	1.47	.85	.54	1.50	9.00	9.90	5.00	5.28
Thomas and Co., Frederick, Md.												
Superphosphate	Gaithersburg	....	....	....	....	....	....	1.10	16.00	17.60	....	....
Superphosphate	Union Bridge	....	....	....	....	....	....	1.80	16.00	16.90	....	....
‡Harvest Queen	Union Bridge	1.00	1.07	.80	.70	.20	.37	1.60	10.00	10.80	2.00	2.40
Rock & Potash 0-12-5	Gaithersburg	....	....	....	....	....	....	1.50	12.00	11.60	5.00	5.90
Sure Crop	Gaithersburg	2.00	1.98	1.80	1.68	.20	.30	.70	12.00	12.10	6.00	6.00
Wheat & Grass Grower	Gaithersburg	2.00	2.25	1.80	1.88	.20	.37	.50	8.00	8.50	5.00	5.90
Wm. B. Tilghman Co., Salisbury, Md.												
Superphosphate	Princess Anne	....	....	....	....	....	....	.10	16.00	16.90	....	....
Superphosphate	Princess Anne	....	....	....	....	....	....	.20	16.00	16.80	....	....
Grain Mixture	Salisbury	1.00	1.28	.70	.90	.30	.38	.60	10.00	10.50	5.00	5.40
Grain Mixture	Hurlock	1.00	1.05	.70	.76	.30	.29	.70	10.00	10.00	5.00	5.40
Phosphate & Potash	Salisbury	....	....	....	....	....	....	.90	12.00	12.40	5.00	5.28
"S. P."	Salisbury	2.00	2.16	1.40	1.35	.60	.81	.60	8.00	8.80	10.00	10.24
Special 2-8-5	Salisbury	2.00	2.04	1.60	1.60	.40	.44	.70	8.00	8.60	5.00	5.28

"S. P."	Salisbury	2.00	2.16	1.40	1.35	.60	.81	.60	8.00	8.80	10.00	10.24
Special 2-8-5	Salisbury	2.00	2.04	1.60	1.60	.40	.44	.70	8.00	8.60	5.00	5.38
Standard	Princess Anne	2.00	2.11	1.40	1.45	.60	.66	.60	9.00	9.80	5.00	5.12
Standard	Salisbury	2.00	2.02	1.40	1.47	.60	.55	.80	9.00	9.40	5.00	5.28
Standard	Hurlock	2.00	2.01	1.40	1.38	.60	.63	.60	9.00	10.00	5.00	5.38
Standard	Princess Anne	2.00	2.18	1.40	1.39	.60	.79	.60	9.00	9.30	5.00	5.00
Towson Nurseries, Inc., Towson, Md.												
Lawn Food 10-6-4	Towson	10.00	10.92	8.00	8.91	2.00	2.01	3.90	6.00	7.30	4.00	3.10
F. W. Tunnell and Co., Inc., Philadelphia, P	**a.**											
Superphosphate 16%	Colora	....	....	....	....	....	....	.10	16.00	16.10	....	....
Fish Brand Mixture	Colora	2.00	1.99	.80	.81	1.20	1.18	.40	10.00	10.80	6.00	6.36
Grain & Grass Manure	Hillsboro	2.00	2.12	1.00	1.04	1.00	1.08	.50	8.00	8.70	5.00	5.24
‡Nassau Potato Manure	Queen Anne	4.00	4.03	2.60	2.70	1.40	1.33	90	8.00	8.30	5.00	5.35
Veribest Cereal Manure	Colora	2.00	1.99	1.00	1.15	1.00	.84	.40	8.00	8.40	6.00	6.33
Wheat & Cereal Manure	Millington	1.00	1.15	.50	.37	.50	.78	.60	10.00	10.60	5.00	5.42
Wheat & Cereal Manure	Colora	1.00	1.14	.50	.32	.50	.82	.40	10.00	10.60	5.00	5.70
E. S. Valliant and Son, Centreville, Md.												
Ammoniated Potash Mixture	Centreville	1.00	1.29	.70	.95	.30	.34	.70	11.00	11.10	5.00	5.16
Animal Base Brand	Centreville	1.00	1.31	.65	.93	.35	.38	1.20	11.00	11.00	4.00	4.34
Favorite	Centreville	1.00	1.36	.75	1.07	.25	.29	.50	9.00	9.00	5.00	5.82
Favorite	Centreville	1.00	1.14	.75	.95	.25	.19	.80	9.00	9.90	5.00	5.24
Gem	Centreville	....	....	....	....	....	....	1.00	10.00	10.20	5.00	5.59
Gem	Centreville	....	....	....	....	....	....	1.00	10.00	10.40	5.00	5.40
Harmony	Centreville	2.00	2.15	1.65	1.77	.35	.38	.30	10.00	10.70	5.00	5.28
Harvest	Centreville	....	....	....	....	....	....	.90	12.00	12.50	5.00	5.24
Ideal	Centreville	....	....	....	....	....	....	.80	12.00	12.00	6.00	7.36
Keystone	Centreville	2.00	2.29	1.70	2.10	.30	.19	.40	8.00	8.70	5.00	5.32
Standard	Centreville	1.00	1.28	.75	1.04	.25	.24	.60	9.00	9.80	4.00	4.81
Standard	Centreville	1.00	1.33	.75	1.10	.25	.23	.50	9.00	9.70	4.00	5.12
‡2-12-4	Centreville	2.00	1.99	1.50	1.57	.50	.42	.60	12.00	12.60	4.00	5.08
Winner	Centreville	2.00	2.01	1.60	1.71	.40	.30	.70	8.00	8.50	10.00	10.32
Winner	Centreville	2.00	2.01	1.60	1.78	.40	.23	.50	8.00	8.60	10.00	10.40
Virginia-Carolina Chemical Corp., Baltimore	**, Md.**											
V-C Superphosphate 16%	Baltimore	....	....	....	....	....	....	.30	16.00	16.90	....	....
V-C Superphosphate 16%	Baltimore	....	....	....	....	....	....	.40	16.00	16.80	....	....
V-C Fish, Bone & Potash Brand Fertilizer 2-9-5	Baltimore	2.00	1.99	1.50	1.27	.50	.72	.50	9.00	9.60	5.00	5.24
V-C High Grade Potash Mixture 0-12-5	Baltimore	....	....	....	....	....	....	.30	12.00	13.30	5.00	5.28

‡Not licensed at time of sale *Total Phosphoric Acid †Mineral and Organic findings do not substantiate manufacturers declaration

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID P_2O_5			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Virginia-Carolina Chemical Corp., Baltimore, Md. (Continued)												
V-C High Grade Potash Mixture 0-12-5	Baltimore	.....	.....	.....	.....	.....	.....	.20	12.00	12.30	5.00	5.82
V-C Indian Brand Fertilizer 2-8-10	Baltimore	2.00	1.99	1.50	1.45	.50	.54	.20	8.00	8.20	10.00	10.42
V-C Universal Crop Manure 2-8-5	Baltimore	2.00	2.05	1.50	1.41	.50	.64	.20	8.00	8.50	5.00	5.35
V-C Universal Crop Manure 2-8-5	Baltimore	2.00	1.99	1.50	1.42	.50	.57	.20	8.00	8.20	5.00	5.20
Walker-Gordon Laboratory Co., Inc., Plainsboro, N. J.												
Bovung	Baltimore	2.00	2.27	.....	.....	.....	.....	.....	*2.00	*2.60	2.00	2.82
Westminster Fertilizer Co., Westminster, Md.												
Superphosphate 16%	Westminster	.....	.....	.....	.....	.....	.....	.30	16.00	16.50	.....	.....
Leader	Westminster	1.00	1.29	.50	.62	.50	.67	.20	9.00	9.60	4.00	4.97
2-8-5	Westminster	2.00	1.90	1.40	1.47	.60	.43	.20	8.00	8.50	5.00	5.32
Super-A	Westminster	1.00	1.26	.50	.70	.50	.86	.80	11.00	10.60	2.00	2.76
Wil-gro Co., Bridgeboro, N. J.												
Wil-Gro	Baltimore	4.00	4.27	3.00	3.05	1.00	1.22	2.50	12.00	13.80	2.00	3.38
Worcester Fertilizer Co., Inc., Snow Hill, Md.												
Superphosphate 16%	Snow Hill	.....	.....	.....	.....	.....	.....	.80	16.00	16.10	.....	.....
Superphosphate 16%	Snow Hill	.....	.....	.....	.....	.....	.....	.20	16.00	16.80	.....	.....
Correct Plant Food Mixture 1-9-4	Snow Hill	1.00	1.07	.80	.81	.20	.26	.70	9.00	9.00	4.00	4.40
‡Correct Plant Food Mixture 2-12-6	Snow Hill	2.00	2.08	1.20	1.17	.80	.91	1.80	12.00	11.00	6.00	6.29
Correct Plant Food Mixture 2-8-10	Snow Hill	2.00	2.20	1.40	1.39	.60	.81	.80	8.00	8.30	10.00	10.08
Correct Plant Food Mixture 2-8-5	Snow Hill	2.00	2.11	1.60	1.46	.40	.65	.60	8.00	7.80	5.00	5.86
Correct Plant Food Mixture 2-8-5	Snow Hill	2.00	2.29	1.60	1.54	.40	.75	.80	8.00	8.00	5.00	5.94
Correct Plant Food Mixture 0-12-5	Snow Hill	.....	.....	.....	.....	.....	.....	.30	12.00	11.80	5.00	6.25

‡Not licensed at time of sale *Total Phosphoric Acid

FEED ANALYSES

The results obtained in the chemical and microscopical examination of feeds are found on pages 24 to 75. Feeds are considered seriously deficient as regards chemical analysis when they are 1 per cent or more deficient in protein, or one-half of 1 per cent deficient in fat.

MANUFACTURER AND ADDRESS	NAME OF FEED
Acorn Feed & Hominy Co., Cumberland, Md.	‡Acorn 16% Dairy Feed
" " "	Acorn 16% Dairy Feed
" " "	Acorn Laying Mash
" " "	‡Acorn Laying Mash
" " "	‡Acorn Scratch Feed
" " "	‡Acorn Scratch Feed
Agricultural Corporation of Md., Balto., Md.	Md. Special 32% Dairy Ration
" " "	Md. Supplement 32% Dairy Ration
" " "	Md. Moremilk 24% Dairy Ration
" " "	Md. 20% Dairy Feed
" " "	Md. Moneymaker 20% Dairy Ration
" " "	Md. 16½% Dairy Ration
" " "	Md. 16% Dairy Feed
" " "	Md. Farm Bureau Mash Supplement
" " "	Md. Egg Mash No. 1
" " "	Md. Laying Mash No. 3, with Alfalfa Leaf Meal
" " "	Md. Egg Mash No. 2
" " "	Md. Growing Mash, with Meat Scrap & Sardine Oil
" " "	Md. Hog Meal 18%
" " "	Md. Turkey Growing Mash
" " "	Md. Special Turkey Starting & Growing Mash, with Cod Liver Oil
" " "	Md. Special Turkey Starting & Growing Mash
G. A. Allender, Elkton, Md.	*Open Formula Dandy Meat, Fish & Bone Meal
" "	Open Formula Dandy Meat, Fish & Bone Meal
" "	Dandy 24% Dairy Feed
" "	Dandy 16 Dairy Feed
" "	Dandy Starting & Growing Mash
E. T. Allen Co., Atlanta, Ga.	Empire High Grade Cottonseed Meal
" "	Empire High Grade Cottonseed Meal
" "	Empire High Grade Cottonseed Meal
" "	Empire High Grade Cottonseed Meal
" "	Atlas 36% Protein Cottonseed Meal Prime Quality
" "	Atlas 36% Protein Cottonseed Meal Prime Quality
" "	Atlas 36% Protein Cottonseed Meal Prime Quality
Allied Mills Inc., Chicago, Ill.	Wayne 32% Farm Mix Dairy Feed
" "	Wayne 24% Dairy Feed
" "	Empire 20% Dairy Ration

‡ Not licensed at time of sale.
* Means Deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN Guaranteed	PROTEIN FOUND	FAT Guaranteed	FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	Ash	Nitrogen Free Extract	INGREDIENTS
Lonaconing..	10.06	16.00	18.10	3.00	4.05	12.00	6.02	6.98	54.79	A.
Cumberland..	10.90	16.00	16 07	3.50	3.43	12.00	5.00	5.13	59.47	As declared on sack
Cumberland..	10.25	17.00	17.99	5.00	6.16	7.00	5.31	6.86	53.43	" "
Lonaconing..	3.96	17.00	17.64	5.00	6.22	7.00	5.96	6.74	59.48	" "
Baltimore....	5.11	9.00	10.18	2.50	2.69	4.00	3.47	2.12	76.43	" "
Lonaconing..	6.36	9.00	9.65	2.50	2.93	4.00	2.64	1.69	76.73	" "
Baltimore...	8.01	32.00	33.05	4.50	4.55	9.00	6.74	6.96	40.69	" "
Baltimore....	7.01	32.00	34 75	4.00	3.87	9.00	6.64	6.66	41.07	" "
Baltimore....	8.11	24.00	24.56	4.00	3.90	9.00	7.23	7.91	48.29	" "
Baltimore....	8.59	20.00	19.40	3.50	3.71	12.00	10.77	10.14	47.39	" "
Baltimore....	8.50	20.00	20.64	3.50	3.86	9.00	6.69	7.94	52.37	" "
Baltimore....	8.44	16.50	20.81	3.50	4.23	12.00	10.36	8.29	47.87	" "
Baltimore....	8.41	16.00	19.15	3.50	4.95	12.00	12.74	8.96	45.79	" "
Baltimore....	8.56	26.00	27.82	4.00	3.63	8.00	7.74	13.27	38.98	" "
Brunswick...	9.25	20.00	20.01	4.00	4.31	7.50	5.06	7.78	53.59	" "
Baltimore....	9.00	18.50	19.04	4.00	4.56	8.00	6.87	7.62	52.91	" "
Baltimore....	8.66	18.00	19.66	4.00	4.70	7.00	5.94	9.60	51.44	" "
Baltimore....	8.36	17.00	18.08	4.00	4.62	8.00	6.23	7.20	55.51	" "
Baltimore....	8.49	18.00	20.36	4.00	3.99	5.00	3.08	5.85	58.23	" "
Baltimore...	8.32	20.00	20.53	4.00	4.57	16.00	12.69	9.20	44.69	" "
Baltimore....	8.74	18.00	19.31	4.00	4.98	8.00	6.57	10.39	50.01	" "
Baltimore....	8.29	18.00	19.31	4.00	4.36	8.00	6.38	8.18	53.48	" "
Elkton.....	6.52	50.00	48.53	6.00	8.09	3.00	1.87	34.18	.81	" "
Elkton.....	5.88	50.00	50.20	6.00	9.94	3.00	2.02	21.70	10.26	" "
Elkton.....	8.96	24.00	24.04	5.00	5.38	9.00	6.88	7.80	46.94	" "
Elkton.....	9.56	16.00	16.15	3.50	3.81	12.00	10.50	5.55	54.43	" "
Elkton.....	9.35	17.00	19.39	3.50	6.05	6.00	5.17	8.88	51.16	" "
Forest Hill...	7.19	41.00	41.16	5.50	7.00	13.00	11.50	6.34	26.81	" " B
Derwood.....	6.84	41.00	41.07	5.50	7.09	13.00	10.81	6.17	28.02	" " B
Ellicott City..	7.16	41.00	41.24	5.50	7.28	13.00	10.49	6.05	27.78	" " B
Rising Sun...	8.75	41.00	41.94	5.50	6.76	13.00	10.11	6.06	26.38	" " B
Westminster.	6.95	36.00	36.26	5.00	5.80	16.00	14.62	5.63	30.74	As declared on sack
Monrovia....	7.39	36.00	35.89	5.00	5.53	16.00	15.96	5.62	29.61	" "
Baltimore....	8.44	36.00	35 98	5.00	5.53	16.00	14.82	5.78	29.45	" "
Myersville...	8.07	32.00	34.00	4.00	4.78	9.00	6.82	10.54	35 79	" "
Motters.....	8.57	24.00	24.58	3.50	3.70	9.00	6.94	10.66	45.55	" "
Cumberland..	8.01	20.00	21.83	3.00	3.51	12.00	7.97	7.73	50.95	" "

A—Fat guarantee on sack differs from license.
B—Fat & Fibre guarantee on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Allied Mills Inc., Chicago, Ill. (Cont'd.)	Empire 16½% Dairy Ration
" "	Super Soy
" "	Super Soy
" "	Empire Egg Mash
" "	Empire Egg Mash
" "	Wayne Egg Mash, with Sardine Oil
" "	Wayne Egg Mash
" "	Wayne Growing Mash
" "	Wayne Growing Mash
" "	Wayne Growing Mash, with Sardine Oil
" "	Wayne Broiler Ration
" "	Wayne 40% Hog Supplement
" "	Wayne Pig Meal
" "	Wayne Calf Meal
" "	Pure Corn & Oats Chop
" "	Wayne Turkey Mash
Anderson Grain & Feed Co., Inc., York, Pa.	Anderson's 24 Dairy Feed
" " " "	Anderson's 20 Dairy Feed
" " " "	Anderson's 16 Dairy Feed
" " " "	Anderson's Laying Mash, with DBM
" " " "	White Rose Growing Mash
" " " "	‡J. T. 85% Horse Feed
" " " "	Anderson's 16 Hog Meal
" " " "	Soft Winter Wheat Middlings, with G.S.N. Ex.M.R.
Angle Roller Mills, Berkeley Springs, W. Va.	*Pure Wheat Mixed Feed
Anne Arundel Co. Farmers Assoc., Balto, Md.	Anarco Dairy Feed
" " "	Anarco Egg Mash
" " "	Anarco 21% Hog Feed
‡Arcady Farms Milling Co., Chicago, Ill.	Arcady 32% Dairy Feed
" " " "	Peerless Milk Ration
" " " "	Arcady Sweet 16 Dairy Feed
" " " "	Arcady Sweet 16 Dairy Feed
" " " "	*Arcady Sweet 16 Dairy Feed
" " " "	Arcady Besbet Laying Mash
" " " "	Arcady Besbet Growing Mash
" " " "	Beets-Oats Horse Feed
" " " "	‡Wonderfat Station Feed
" " " "	Arcady Besbet Starting Mash
" " " "	Arcady Developing Grains
" " " "	‡Wonder Turkey Growing Mash
" " " "	Wonder Rabbit Feed
Archer-Daniels-Midland Co., Minn., Minn.	44% Protein New Process Soybean Oil Meal
" " "	41% Protein Old Process Soybean Oil Meal

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cumberland..	7.83	16.50	17.92	3.00	3.65	12.00	8.54	9.32	52.74	As declared on sack
Forest Hill...	9.25	37.00	37.70	5.00	5.18	6.50	5.77	11.40	30.70	" "
Woodsboro...	8.83	37.00	39.66	5.00	5.75	6.50	5.46	9.31	30.99	" "
Forest Hill...	9.89	16.50	18.87	3.50	4.83	7.00	6.03	7.40	52.98	" "
Maugansville.	8.18	16.50	17.72	3.50	5.78	7.00	6.07	8.06	54.19	" "
Maugansville.	8.64	18.00	19.74	3.50	6.13	7.00	5.83	8.91	50.75	" "
Oakland.....	9.53	18.00	18.78	3.50	4.15	7.00	6.18	7.66	53.70	" "
Salisbury....	9.27	16.00	17.90	4.00	4.65	6.00	4.53	8.80	54.85	" "
Oakland.....	9.33	16.00	18.07	4.00	4.51	6.00	5.73	5.27	57.09	" "
Salisbury....	8.78	16.00	17.72	4.00	4.93	6.00	4.65	9.74	54.18	" "
Forest Hill...	8.83	18.00	20.53	3.50	6.06	8.00	6.36	8.77	49.45	" "
Maugansville.	7.93	40.00	40.72	4.50	6.17	8.00	6.58	13.39	25.21	" "
Cumberland..	8.12	18.00	19.75	3.50	5.31	7.00	4.34	7.16	55.32	" "
Forest Hill...	9.01	24.00	26.31	4.00	4.72	7.00	6.85	8.09	45.02	" "
Forest Hill...	9.98	9.00	11.06	3.50	3.61	10.00	4.82	2.04	68.49	" "
Oakland.....	10.19	15.00	15.45	3.50	3.98	8.00	6.29	7.46	56.63	" "
Baltimore....	8.00	24.00	25.68	4.00	4.77	12.00	8.19	7.23	46.13	" "
White Hall...	10.59	20.00	20.68	4.00	4.01	12.00	10.39	7.79	46.54	" "
Hagerstown..	9.42	16.00	17.81	3.50	5.67	12.00	11.22	7.51	48.37	" "
Hagerstown..	8.43	20.00	21.41	4.00	4.74	8.00	6.92	9.23	49.27	" "
Jarrettsville..	8.95	16.00	17.99	4.00	5.42	7.00	6.13	7.40	54.11	" "
Baltimore....	9.16	8.00	10.21	2.50	3.21	12.00	5.39	4.22	67 81	" "
Hagerstown..	10.04	16.00	17.22	4.00	5.22	10.00	6.35	6.70	54.47	" "
Hagerstown..	10.35	15.00	14.48	4.00	3.58	7.00	3.31	3.65	64 63	" "
Big Spring...	11.57	14.00	15.27	4.00	3.31	6.00	3.53	2.55	63.77	" "
Baltimore....	8.46	26.00	25.71	5.00	5.19	9.00	9.04	6.77	44.83	" "
Baltimore....	9.41	22.00	24.31	5.00	5.73	8.00	5.06	11.75	43.74	A
Baltimore....	9.06	21.00	21.67	6.00	6.27	7.00	7.23	8.15	47.62	As declared on sack
Mt. Airy.....	8.75	32.00	32.55	4.00	3.93	9.00	8.25	8.10	38.42	" "
Mt. Airy.....	8.11	20.00	21.71	3.50	3.44	12.00	11.21	8.48	47.05	" "
Hagerstown..	8.27	16.00	16.88	4.00	3.62	12.50	11.91	11.11	48.21	" "
Walkersville.	9.34	16.00	16.67	4.00	3.79	12.50	11.54	10.93	47.73	" "
Clinton.....	9.17	16.00	17.18	4.00	3.04	12.50	10.89	9.50	50.22	" "
Hagerstown..	6.97	20.00	22.03	4.00	5.24	7.00	6.50	12.71	46 55	" "
Hagerstown..	7.39	16.00	17.99	4.00	5.32	7.50	7.13	9.14	53.03	" "
Baltimore....	9.56	10.00	10.45	3.00	3.13	10.00	8.40	5.01	63.45	" "
Baltimore....	8.86	12.50	14.22	4.50	4.60	6.00	6.10	3.87	62.35	" "
Mt. Airy.....	9.11	13.00	16.15	3.50	4.75	6.00	6.39	7.65	55.95	" "
Clinton.....	10.58	10.00	11.06	2.50	2.56	5.00	2.16	1.34	72.30	" "
Mt. Airy.....	8.79	18.00	19.92	4.50	4.52	6.00	6.97	5.72	54.08	" "
Baltimore....	7.87	12.00	13.60	3.50	3.65	8.00	7.03	74.0	60.45	" "
Frederick....	8.94	44.00	44.32	.50	.63	7.00	6.39	5.88	33.84	" "
Frederick....	9.03	41.00	42.47	4.50	4.68	7.00	6.07	6.53	31.22	" "

A—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Ashcraft-Wilkinson Co., Atlanta, Ga.	Cow-Eta Brand 41% Prime Quality Cotton Seed Meal
" " "	Cow-Eta Brand 41% Prime Quality Cotton Seed Meal
" " "	Cow-Eta Brand 41% Prime Quality Cotton Seed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	‡Paramount Brand Prime Cottonseed Meal
Baltimore Feed & Grain Co., Balto., Md.	BBL. Fish Meal
" " " " "	BBL. Fish Meal
" " " " "	BBL. 32% Dairy Feed
" " " " "	BBL. 32% Dairy Feed
" " " " "	BBL. 24% Dairy Feed
" " " " "	BBL. 24% Dairy Feed
" " " " "	BBL. 20% Dairy Feed
" " " " "	BBL. 20% Dairy Feed
" " " " "	BBL. 20% Dairy Feed
" " " " "	BBL. 16½% Dairy Feed
" " " " "	BBL. 16½% Dairy Feed
" " " " "	BBL. Egg Mash
" " " " "	BBL. Improved Laying Mash, with DBM. & Mineral Supplement
" " " " "	BBL. Improved Laying Mash, with DBM. & Mineral Supplement
" " " " "	BBL. Cod-Mlk-O-Lay Breeding Mash, with DBM., Cod Liver Oil & Min. Supplement
" " " " "	BBL. Cod-Mlk-O-Lay Breeding Mash, with DBM., Cod Liver Oil & Min. Supplement
" " " " "	BBL. Cod-Mlk-O-Lay Breeding Mash, with DBM., Cod Liver Oil & Min. Supplement
" " " " "	‡BBL. Growing Mash Lot No. 135
" " " " "	BBL. Cod-Mlk-O-Gro, with DBM., Cod Liver Oil & Mineral Supplement
" " " " "	BBL. Hog Feed
" " " " "	BBL. Hog Feed
" " " " "	‡Corn Feed Meal
" " " " "	BBL. Turkey Mash
Bannock Food Co. Inc., West Chester, Pa.	‡Bannock Body Builder
Barker, Moore & Mein Co., Phila., Pa.	Barker's Poultry Powder
Baugh & Sons Co., Baltimore, Md.	58% Fish Meal
" " " "	58% Fish Meal
" " " "	58% Fish Meal
" " " "	Duplex Egg Producer Pure Meat Scrap

‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Frederick....	6.87	41.00	41.24	5.00	5.70	13.00	10.54	7.36	28 29	As declared on sack
Baltimore....	6.67	41.00	40.63	5.00	6.23	13.00	11.60	5.56	29.31	" "
Rising Sun...	7.80	41.00	41.24	5.00	6.05	13.00	10.13	6.36	28 42	" "
Rising Sun...	7.60	41.00	41.68	5.50	6.21	10.00	9.93	6.29	28.29	" "
Thurmont....	6.43	41.00	41.24	5.50	6.56	10.00	11.62	6.50	27.65	" "
Maugansville.	6.23	41.00	40.89	5.50	5.76	10.00	12.55	5.64	28.93	" "
Rising Sun...	8.50	41.00	42.12	5.50	6.15	10.00	9.77	6.25	27 21	" "
Wash. Grove.	7.68	36.00	36.42	5.00	5.72	14.00	15.38	6.00	28.80	" "
Cambridge...	7.71	55.00	60.55	6.00	6.20	2.00	.50	19.59	5.45	" "
Denton.....	7.17	55.00	58.27	6.00	6.63	2.00	.57	17.73	9.63	" "
Baltimore....	8.17	32.00	34.18	4.00	5.07	7.50	8.94	6.75	36.89	E.
Baltimore....	8.00	32.00	31.29	4.00	4.62	7.50	8.81	5.82	41.46	D.
Baltimore....	8.31	24.00	25.91	4.50	5.09	8.00	9.40	7.48	43.81	As declared on sack
Baltimore....	8.00	24.00	24.28	4.50	5.07	8.00	9.39	7.29	45.97	A.
La Plata.....	8.41	20.00	21.43	4.50	4.52	12.00	9.50	6.77	49.37	As declared on sack
Baltimore....	8.38	20.00	21.46	4.50	4.63	12.00	7.73	6.25	51.55	F.
Baltimore....	8.03	20.00	21.94	4.50	4.82	12.00	8.79	6.41	50.01	A.
Baltimore....	9.44	16.50	19.42	3.00	3.35	13.00	9.65	9.38	48.76	G.
Baltimore...	10.50	16.50	18.50	3.00	3.65	13.00	8.91	8.65	49.79	B.
Baltimore....	8.62	20.00	21.59	4.50	5.04	9.00	8.42	7.80	48.53	C.
Baltimore....	8.52	20.00	20.88	4.00	5.23	6.50	5.76	8.64	50.97	As declared on sack
La Plata.....	8.92	20.00	20.88	4.00	4.24	6.50	5.83	9.52	50.61	" "
La Plata.....	8.31	20.00	20.36	4.00	5.89	6.50	5.50	8.53	51.41	" "
Baltimore....	8.84	20.00	21.94	4.00	5.95	6.50	5.72	8.90	48.65	" "
Baltimore....	10.78	20.00	20.01	4.00	5.52	6.50	6.23	8.47	48.99	" "
Hebron.....	9.50	17.50	17.46	5.00	5.47	7.50	8.23	8.71	50.63	" "
Baltimore....	8.85	18.00	19.92	4.50	5.89	6.50	5.92	7.46	51.96	" "
Baltimore....	8.60	18.00	18.69	4.50	4.59	8.00	7.26	6.47	54.39	" "
La Plata.....	8.96	18.00	18.78	4.50	5.10	8.00	6.81	6.36	53.99	" "
Preston.....	10.51	9.42	10.00	4.00	3.86	2.00	2.90	1.61	71.12	" "
P'c'moke City	7.93	21.00	22.29	5.00	4.88	7.00	9.77	13.57	41.56	" "
Bel Air.....	7.65	24.00	25.97	3.50	5.44	4.50	3.57	9.62	47.75	" "
Mardela Sp's.	6.72	15.00	21.41	3.50	3.82	16.00	10.70	7.78	49.57	" "
Berlin.....	8.46	58.00	58.53	5.00	5.42	3.00	.65	20.56	6.38	" "
P'c'moke City	7.01	58.00	59.23	5.00	7.25	3.00	.49	16.51	9.51	" "
Denton.....	7.04	58.00	59.67	5.00	8.51	3.00	.72	19.04	5.02	" "
Sykesville...	5.85	55.00	54.41	6.00	10.74	3.00	1.79	27.15	.06	" "

A—Also detected Ground Kaffir &/or Milo & Distillers Dried Rye Grains—unable to detect Distillers Corn Grains.
B—Also detected Whole Weed Seeds, Ground Kaffir &/or Milo & Distillers Rye Dried Grains—unable to detect Distillers Corn Grains.
C—Appears to contain Alfalfa Meal and not Alfalfa Leaf Meal as declared.
D—Also detected Distillers Dried Grains.
E—Also detected Distillers Corn Dried Grains.
F—Unable to detect Wheat Bran.
G—Also detected Whole Weed Seed.

MANUFACTURER AND ADDRESS	NAME OF FEED
Baugh, & Sons Co., Balto., Md. (Cont'd.)	Duplex Egg Producer Pure Meat Scrap...
" " " "	Duplex Egg Producer Pure Meat Scrap...
" " " "	Duplex Egg Producer Pure Meat Scrap...
" " " "	Oldest Brand Meat & Bone Scrap.....
" " " "	Oldest Brand Meat & Bone Scrap.....
" " " "	45% Meat & Bone Scrap.....
Beacon Milling Co. Inc., Cayuga, N. Y.	‡Beacon "32".....
" " " "	Beacon's Cayuga Growing Mash.....
" " " "	Beacon's Cayuga Horse Feed.....
" " " "	‡Beacon's Calf Pellets.....
" " " "	‡Beacon's Calf Grain Ration.....
" " " "	Beacon's Complete Starting Ration.....
" " " "	‡Beacon's Fleshing Pellets.....
" " " "	Beacon's Cayuga Developer Feed.....
" " " "	‡Beacon's Special Grains.....
" " " "	Cayuga Pigeon Feed (No Corn).....
" " " "	‡Beacon's Turkey Growing Feed.....
" " " "	Beacon's Turkey Starter.....
" " " "	Beacon's Comprest Rabbit Feed.....
" " " "	‡Beacon's Pheasant-Quail Coarse Grains...
Geo. W. Biles Co. Inc., Providence, Md.	Cecil County Dairy Feed.....
" " "	Cecil County Laying Mash.....
Bisbee Linseed Co., Philadelphia, Pa.	Bisbee Brand 34% Protein Pure Old Process Linseed Meal.....
" " "	Bisbee Brand 34% Protein Pure Old Process Linseed Meal.....
" " "	Bisbee Brand 34% Protein Pure Old Process Linseed Meal.....
" " "	Bisbee Brand 34% Protein Pure Old Process Linseed Meal.....
" " "	
" " "	
Bowman Brothers, Gaithersburg, Md.	Gilt Edge 26% Dairy Feed.....
" "	Gilt Edge Laying Mash.....
" "	Gilt Edge Grower.....
Bradley & Baker, Baltimore, Md.	‡75% Meat Meal.....
" " "	55% Meat Scraps.....
" " "	55% Meat Scraps.....
" " "	*55% Meat Scraps .....
" " "	*55% Meat Scraps .....
" " "	*55% Meat Scraps .....
" " "	50% Meat & Bone Scrap.....
" " "	50% Meat & Bone Scrap.....
" " "	50% Meat & Bone Scrap.....
" " "	50% Meat & Bone Scrap.....
" " "	*50% Meat & Bone Scrap.....
" " "	50% Meat & Bone Scrap.....

‡ Not Licensed at time of Sale.
* Means Deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Sykesville...	6.27	55.00	55.46	6.00	8.30	3.00	1.83	26.72	1.42	As declared on sack
Rising Sun...	6.20	55.00	55.90	6.00	8.22	3.00	1.73	25.96	1.99	" "
Denton.....	6.79	55.00	55.86	6.00	9.15	3.00	1.55	25.08	1.57	" "
Gaithersburg.	6.27	50.00	51.42	6.00	14.93	3.00	2.09	22.92	2.37	" "
Denton.....	6.99	50.00	51.25	6.00	10.39	3.00	1.69	28.13	1.55	" "
Denton.....	6.72	45.00	46.60	6.00	11.06	3.00	1.31	33.00	1.31	" "
Cambridge...	9.43	32.00	33.27	4.50	4.81	8.50	7.10	8.10	37.29	" "
Cambridge...	9.27	16.00	17.02	4.00	4.53	7.00	5.57	9.06	54.55	" "
Cambridge...	9.16	8.00	10.42	2.00	2.63	10.00	7.02	4.08	66.69	" "
Cambridge...	10.20	25.00	27.03	3.50	3.23	4.00	2.68	5.42	51.44	" "
Salisbury....	10.90	15.00	15.34	4.00	4.20	10.00	8.28	6.54	54.74	" "
Cambridge...	9.23	17.50	17.72	4.00	4.57	6.00	5.18	8.62	54.68	" "
Salisbury....	9.18	15.00	16.85	4.00	4.19	5.00	5.01	4.95	59.82	" "
Salisbury....	9.90	10.00	11.06	2.50	2.83	3.00	1.93	1.73	72.55	" "
Salisbury....	12.02	10.00	11.76	2.00	2.31	3.50	2.40	1.64	69.87	A.
Cambridge...	9.41	12.00	16.67	2.00	3.26	4.00	4.70	2.33	63.63	As declared on sack
Salisbury....	8.56	20.00	21.41	4.00	4.92	7.00	5.30	10.75	49.06	" "
Cambridge...	9.19	22.00	22.29	4.00	4.01	6.00	4.97	11.09	48.45	" "
Cambridge...	9.40	18.00	18.87	3.00	3.73	7.00	6.53	6.40	55.07	" "
Salisbury....	11.03	9.00	13.16	2.50	2.66	5.00	3.01	2.33	67.81	" "
Providence...	8.67	24.00	25.36	4.00	3.87	9.00	8.13	6.93	47.04	B.
Providence...	8.28	20.00	22.29	4.00	4.98	8.00	6.07	8.85	49.53	B.
Chestertown.	8.55	34.00	33.87	5.00	5.66	10.00	8.72	5.76	37.44	As declared on sack " " C.
Baltimore....	8.19	34.00	34.22	5.00	6.77	10.00	9.39	5.28	36.15	" " D.
Detour.....	7.92	34.00	36.86	5.00	5.97	10.00	8.16	7.19	33.90	E.
Frederick....	7.97	34.00	38.00	5.00	6.18	10.00	8.19	7.26	32.40	F.
Gaithersburg.	8.89	26.00	25.97	5.00	5.12	9.00	8.53	6.76	44.73	As declared on sack
Gaithersburg.	8.45	19.00	19.13	5.00	4.94	6.00	5.90	8.80	52.78	" "
Gaithersburg.	9.24	17.00	18.25	4.00	5.26	6.00	5.50	6.73	55.02	" "
Baltimore....	7.54	75.00	76.34	8.00	11.27	1.00	.96	7.66	.....	" "
Baltimore....	6.54	55.00	60.64	6.00	10.91	3.00	2.98	21.26	.....	" "
Baltimore....	5.49	55.00	61.60	6.00	10.76	3.00	1.82	21.88	.....	" "
Baltimore....	7.11	55.00	52.87	6.00	11.32	3.00	1.87	26.26	.57	" "
Baltimore....	6.28	55.00	53.85	6.00	12.76	3.00	2.08	24.86	.17	" "
Baltimore....	6.92	55.00	50.02	6.00	12.46	3.00	1.93	27.88	.79	" "
Frederick....	6.68	50.00	52.48	6.00	16.61	3.00	3.27	24.58	.....	" "
Baltimore....	5.06	50.00	51.78	6.00	11.77	3.00	2.68	26.78	1.93	" "
Forest Hill...	5.95	50.00	49.85	6.00	11.21	3.00	2.49	25.32	5.18	" "
Baltimore....	6.24	50.00	50.37	6.00	11.73	3.00	2.55	26.71	2.40	" "
Elkton.....	7.03	50.00	47.91	6.00	13.23	3.00	2.00	28.56	1.27	" "
Baltimore....	6.51	50.00	49.14	6.00	16.31	3.00	1.99	27.60	.....	" "

A—Ingredients on sack differ from license.
B—Also detected Soy Bean Oil Meal.
C—Acid Insoluble Ash .46%.
D—Acid Insoluble Ash .20%.
E—Acid Insoluble Ash 1.69%.
F—Acid Insoluble Ash 1.79%.

MANUFACTURER AND ADDRESS	NAME OF FEED
Bradley & Baker, Baltimore, Md. (Cont'd.)	45% Meat & Bone Scrap
" " "	45% Meat Scraps
" " "	45% Meat Scraps
" " "	Fish Meal
" " "	Fish Meal
" " "	Fish Meal
" " "	Argentine Wheat Standard Middlings, with Ground Screenings
C. H. Braun & Sons, Inc., Baltimore, Md.	Encore Brand 45% Meat & Bone Scrap
" " "	Encore Brand 45% Meat & Bone Scrap
" " "	Encore Brand 45% Meat & Bone Scrap
Brooks Supply Co., Reisterstown, Md.	"Brooks Special" Laying Mash
" "	
Herbert Bryant, Inc., Alexandria, Va.	*55% Meat Scrap for Poultry
" " "	*45% Meat Scrap for Poultry
" " "	*Pure Ground Fish for Poultry
" " "	Bryant's Home 32% Dairy Feed
" " "	Bryant's Home 26% Dairy Feed
" " "	Bryant's 20% Prize-Winner Dairy Feed
" " "	Bryant's 20% Prize-Winner Dairy Feed
" " "	Bryant's Home 20% Dairy Feed
" " "	Bryant's Home Laying Mash
" " "	Bryant's Home Growing Mash
" " "	Poultry Bone
" " "	Corn Feed Meal
" " "	Bryant's Home Chick Starter
" " "	Bryant's New Deal Scratch
" " "	Bryant's Home Scratch Feed
C. W. Burckhalter, Inc., New York, N. Y.	Burck Brand Powdered Skim Milk
Calvary Rolier Mills, Bel Air, Md.	Pure Grain Dairy Ration
" "	*Calvary Laying Mash
Cecil County Milling Co., Rising Sun, Md.	Rising Sun Brand 16% Dairy Feed
" " " "	Rising Sun Brand Laying Mash, with DBM
" " " "	Rising Sun Brand All-Mash Grower
Central Chemical Co., Inc., Baltimore, Md.	‡Meat Scraps
" " " "	"Gro-All" Meat Scraps 55%
" " " "	*"Gro-All" Meat Scraps 55%
" " " "	"Gro-All" Meat Scraps 55%
" " " "	"Gro-All" Meat & Bone Scraps 50%
" " " "	"Gro-All" Meat & Bone Scraps 50%
" " " "	"Gro-All" Meat & Bone Scraps 50%
" " " "	*"Gro-All" Meat & Bone Scraps 50%
" " " "	"Gro-All" Meat & Bone Scraps 50%
" " " "	"Gro-All" Meat & Bone Scraps 45%

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore...	5.45	45.00	46.51	6.00	13.79	3.00	2.06	30.30	1.89	As declared on sack
Aberdeen....	6.89	45.00	45.28	6.00	9.81	3.00	2.38	29.96	5.68	A.
Baltimore....	5.79	45.00	46.95	6.00	11.51	3.00	2.02	31.32	2.41	A.
Baltimore....	8.55	55.00	59.16	6.00	6.25	3.00	.76	17.68	7.60	" " B.
Baltimore....	6.50	55.00	61.08	6.00	8.06	3.00	1.19	20.70	2.47	" " B.
Baltimore....	7.04	55.00	58.01	6.00	6.28	3.00	.45	22.30	5.92	" " B.
Baltimore....	9.62	14.00	17.20	4.00	4.37	9.50	9.20	5.40	54.21	" "
Hagerstown..	6.11	45.00	48.00	6.00	11.89	2.00	2.69	28.95	2.36	" "
Hagerstown..	6.09	45.00	47.56	6.00	13.67	2.00	2.80	26.08	3.80	" "
Hagerstown..	5.19	45.00	45.17	6.00	12.61	2.00	2.03	33.00	2.00	" "
Reisterstown	7.75	18.00	19.74	4.00	5.66	7.00	7.60	8.82	50.43	C.
Maugansville.	5.63	55.00	55.64	10.00	8.89	2.00	1.86	26.05	1.93	As declared on sack
Maugansville.	6.28	45.00	45.81	10.00	6.18	2.00	2.26	35.56	3.91	A.
Wash. Grove.	6.49	58.00	57.92	7.00	6.45	1.00	.84	23.30	5.00	As declared on sack
Barnesville..	5.91	32.00	34.40	4.00	4.49	9.00	8.96	7.88	38.36	" "
Dickerson....	6.94	26.00	27.55	4.00	5.25	9.00	9.28	7.14	43.84	" "
Wash. Grove.	6.90	20.00	20.18	5.00	5.36	12.00	10.21	6.20	51.15	" "
Wash. Grove.	7.67	20.00	20.36	5.00	5.31	12.00	11.79	5.50	49.37	" "
Wash. Grove.	8.80	20.00	22.64	3.50	4.89	11.00	8.66	6.20	48.81	" " B.
Wash. Grove.	9.03	19.00	20.36	5.00	5.40	6.50	5.20	8.40	51.61	" "
Wash. Grove.	8.97	16.00	17.11	4.00	5.03	7.00	5.30	8.02	55.57	D.
Maugansville.	7.10	23.00	23.34	0.00	1.22	2.00	.59	67.52	.23	As declared on sack
Wash. Grove.	9.92	8.00	9.65	3.00	5.98	4.00	4.67	2.30	67.48	E.
Wash. Grove.	8.45	18.00	20.18	4.00	5.61	5.00	4.51	7.26	53.99	As declared on sack
Wash. Grove.	10.48	8.50	10.00	2.50	4.51	4.00	2.09	1.78	71.14	C.
Bethesda....	11.36	10.00	10.18	3.00	3.77	3.00	1.76	2.50	70.43	As declared on sack
P'c'moke City	.....	32.00	33.96	.75	x.91	.....	.....	8.17		-- "
Bel Air.....	9.20	20.00	20.01	4.50	4.89	10.00	7.49	4.76	53.65	" "
Bel Air.....	9.99	19.50	17.90	5.00	4.84	7.00	5.30	9.70	52.27	C.
Rising Sun...	9.78	16.00	17.84	3.50	3.70	12.00	8.06	8.28	52.34	F.
Rising Sun...	7.87	20.00	21.24	4.50	4.94	5.00	5.23	12.78	47.94	G.
Rising Sun...	9.85	16.00	16.85	4.00	5.02	6.00	4.32	9.50	54.46	As declared on sack
Ellicott City.	6.89	70.00	72.04	8.00	15.30	2.00	1.89	8.61	.....	" "
Ellicott City.	6.04	55.00	54.14	8.00	10.87	2.00	1.86	26.88	.21	" "
Ellicott City.	5.65	55.00	53.53	8.00	10.28	2.00	2.45	27.92	.17	" "
Baltimore....	6.99	55.00	54.85	8.00	10.12	2.00	3.05	24.64	.35	" "
Walkersville.	5.82	50.00	50.37	8.00	11.14	2.00	1.67	28.72	2.28	" "
Frederick....	5.39	50.00	49.32	8.00	11.97	2.00	2.59	29.23	1.50	" "
New Windsor	6.15	50.00	49.49	8.00	11.70	2.00	2.17	28.00	2.49	" "
Ingleside....	6.37	50.00	48.97	8.00	11.31	2.00	2.10	28.93	2.32	" "
Baltimore....	7.02	50.00	50.37	8.00	11.03	2.00	2.07	26.86	2.65	" "
Frederick....	6.41	45.00	45.02	8.00	10.49	2.00	2.36	31.97	3.75	" "

A—Should be designated as Meat & Bone Scrap.
B—Fibre guarantee on sack differs from license.
C—Ingredients on sack differ from license.
D—Fibre guarantee on sack differs from license. Also detected Ground Oats.
E—Called Corn Feed Meal but also contains a large amount of the Brown Corn Chaff than is usually found in products of this nature.
F—Also detected Colza Oil Meal—unable to detect Soy Bean Meal.
G—Also detected Colza Oil Meal.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Central Chemical Co., Inc., Baltimore, Md. (Cont'd.)	"Gro-All" Meat & Bone Scraps 45%
" " " "	"Gro-All" Fish Meal 55%
" " " "	"Gro-All" Fish Meal 55%
" " " "	"Gro-All" Fish Meal 55%
" " " "	"Gro-All" Fish Meal 55%
" " " "	"Gro-All" Fish Meal 55%
" " " "	*"Gro-All" Distillers Grains (with Molasses)
" " " "	‡Hogger
" " " "	*"Gro-All" Digester Tankage 60%
" " " "	‡"Gro-All" Digester Tankage 46%
Center Milk Pro. Co., Middlebury Center, Pa	Vita Brand Dry Skim Milk
Central Pur. Bureau, State of Md. Balto., Md.	*C.P.B. Dairy Ration
" " " " "	C.P.B. Dairy Ration
" " " " "	C.P.B. Dairy Ration
" " " " "	C.P.B. Dairy Ration
" " " " "	C.P.B. Dairy Ration
" " " " "	C.P.B. Dry Cow Feed
" " " " "	C.P.B. Dry Cow Feed
" " " " "	C.P.B. Laying Mash
" " " " "	C.P.B. Laying Mash
" " " " "	C.P.B. Laying Mash
" " " " "	C.P.B. Horse Feed
" " " " "	*C.P.B. Hog Meal
Harry Chaney, Woodbine, Md.	Chaney's Laying Mash
Chapin & Co, Hammond, Ind.	*Unicorn Dairy Ration 24%
" "	Unicorn Dairy Ration 20%
" "	Ajax Flakes
" "	Chapin Kernels Grow All
Chestnut Farms Dairy, Washington, D. C.	Skim Milk Powder
" " " "	Skim Milk Powder
Chewsville Cooperative Assoc., Chewsville, Md.	Thrivont 32% Mixing Ration
	Thrivon Milk Maker
" " " "	Chewsville Maryland Laying Mash
" " " "	Thrivont Laying Mash
" " " "	Thrivont Growing Feed
" " " "	*Thrivont Pig & Hog Meal
Clinton Co., Clinton, Iowa	Clinton Corn Gluten Feed
" "	‡Clinton Corn Gluten Feed
Harry Clipp, Sharpsburg, Md.	Clipp's Egg Mash
Herbert K. Clofine, Philadelphia, Pa.	Supreme Brand Dried Buttermilk
" " "	‡Supreme Brand Dried Skimmilk
" " "	‡Supreme Brand Condensing Skimmilk

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN Guaranteed	PROTEIN FOUND	FAT Guaranteed	FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	Ash	Nitrogen Free Extract	INGREDIENTS
Ellicott City..	6.09	45.00	46.16	8.00	9.61	2.00	2.09	34.49	1.56	As declared on sack
Md. Line....	8.80	55.00	61.43	6.00	7.48	1.00	1.23	18.98	2.08	" "
Walkersville.	6.83	55.00	59.32	6.00	7.63	1.00	.68	23.52	2.02	" "
Ingleside....	7.85	55.00	58.80	6.00	8.66	1.00	.73	21.94	2.02	" "
Detour.....	7.55	55.00	63.18	6.00	6.98	1.00	.84	20.58	.87	" "
St. Michaels	7.63	55.00	60.20	6.00	6.83	1.00	.69	22.59	2.06	" "
Frederick....	10.98	15.00	17.13	6.00	2.81	18.00	11.19	3.00	54.89	" "
Salisbury....	5.79	45.00	45.72	5.00	6.70	2.00	1.74	37.61	2.44	" "
Frederick....	7.93	60.00	61.60	8.00	6.32	2.00	1.75	20.55	1.85	" "
Linwood	6.87	46.00	45.98	8.00	9.80	2.00	1.79	30.75	4.81	" "
Baltimore....	.....	34.00	36.59	1.00	x1.18	.....	.....	8.62	.....	" "
Hagerstown..	.....	32.00	31.87	5.00	3.69	9.00	8.38	.....	.....	" "
Sykesville...	10.10	20.00	20.34	4.00	3.96	11.00	10.50	.....	.....	" "
Waterbury..	9.61	20.00	21.33	4.00	3.89	11.00	8.87	.....	.....	" "
Loch Raven..	.....	20.00	21.67	4.00	4.59	11.00	8.66	.....	.....	" "
Jessups	8.88	20.00	21.85	4.00	4.35	11.00	7.87	7.55	49.50	" "
Sykesville...	.....	12.00	14.68	3.00	4.22	7.00	7.20	.....	.....	" "
Jessups	7.57	12.00	14.04	3.00	3.65	7.00	6.57	6.41	61.76	" "
Loch Raven..	.....	18.00	18.02	4.50	5.98	6.00	7.32	.....	.....	" "
Sykesville...	.....	18.00	18.69	4.50	5.53	6.00	7.01	.....	.....	" "
Hagerstown..	.....	18.00	18.87	4.50	5.97	6.00	5.73	.....	.....	" "
Waterbury...	10.81	9.00	10.40	3.50	4.05	8.00	8.70	.....	.....	" "
Hagerstown..	.....	40.00	36.24	5.00	7.91	5.00	5.60	.....	.....	" "
Woodbine....	9.60	18.00	17.99	4.50	4.77	5.00	5.27	8.16	54.21	" "
Baltimore....	8.00	24.00	24.86	4.50	4.00	10.00	7.47	5.16	50.51	" "
Baltimore....	8.20	20.00	22.26	4.50	4.44	10.00	8.06	5.71	51.33	" "
Walkersville.	7.10	28.00	27.64	9.00	9.10	13.00	9.21	4.07	42.88	" "
Baltimore....	7.06	20.00	22.11	5.00	5.50	4.50	4.15	7.70	53.48	" "
Derwood.....	.....	32.00	35.45	.75	x1.33	.....	.....	.....	.....	" "
Gaithersburg.	.....	32.00	34.92	.75	x1.44	.....	.....	8.28	.....	" "
Chewsville...	6.49	32.00	32.47	4.50	3.40	9.00	7.87	10.13	39.64	" "
Chewsville...	7.13	23.00	27.38	5.00	4.86	7.00	9.05	9.40	42.18	A.
Chewsville...	8.72	19.00	20.36	5.00	5.15	8.00	5.27	10.50	50.00	As declared on sack
Chewsville...	9.18	19.00	20.62	5.00	5.78	8.00	4.82	10.55	49.05	" "
Chewsville...	9.02	16.00	17.99	4.00	5.34	6.00	5.83	7.71	54.11	" "
Chewsville...	9.27	15.00	18.78	5.00	4.35	8.00	5.05	7.23	55.32	" "
Bel Air.....	9.85	25.00	27.55	2.00	2.51	8.50	7.33	5.30	47.46	" "
Baltimore....	7.55	25.00	27.73	2.00	2.86	8.50	6.46	5.52	49.88	" "
Sharpsburg..	8.53	20.00	21.59	4.50	4.72	6.00	6.15	5.37	53.64	" "
Baltimore....	.....	32.00	35.54	5.00	x5.92	.....	.....	12.05	.....	" "
Baltimore....	.....	32.00	33.17	.25	x1.32	.....	.....	7.93	.....	" "
Baltimore....	.....	11.00	11.41	0.00	x3.72	B.	C.	.....	.....	" "

A—Ingredients on sack differ from license.
B—Total Solids 28%.
C—Total Solids 28.53%.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Collis Products Co., St. Paul, Minn.	Collis Process Dried Buttermilk.....
Commander-Larabee Corp, Minn. Minn.	Sunfed Wheat Bran, with Ground Screenings N.Ex.M.R. .....
" " " "	Sunfed Red Dog .....
" " " "	Sunfed Wheat Standard Middlings, with Ground Screenings N.Ex.M.R.....
" " " "	Sunfed Wheat Flour Middlings, Ground Screen. N.Ex.M.R. .....
Commercial Milling Co., Detroit Mich.	Extra Fancy Pure Spring Wheat Bran....
G. E. Conkey Co., Cleveland, Ohio	Conkey's 32% Supplement Poultry Mash with Y-O .....
" " " "	‡Conkey's Red Seal Laying Mash.....
" " " "	Conkey's Gecco Egg Mash, with Y-O.....
" " " "	Conkey's Gecco Growing Grains .....
" " " "	Conkey's Y-O .....
" " " "	Conkey's Pigeon Feed (Breeders) .....
" " " "	Conkey's Turkey Starting & Growing Mash with Y-O .....
" " " "	Conkey's Balanced Rabbit Feed, with Y-O
Consolidated By-Product Co., Phila., Pa.	*Consolidated Beef & Bone Scrap.....
" " " "	*Consolidated Beef & Bone Scrap.....
" " " "	*Consolidated Beef & Bone Scrap.....
" " " "	*Consolidated Beef & Bone Scrap.....
" " " "	*Consolidated Beef & Bone Scrap.....
" " " "	*Consolidated Fish Meal .....
" " " "	Consolidated Fish Meal.....
" " " "	‡Consolidated Feeding Tankage .....
Consolidated Rendering Co., Boston, Mass.	‡Banner Meat & Bone Scrap.....
" " " "	Banner Meat & Bone Scrap.....
Consumers Import Co., Inc, New York, N. Y.	CICO Fish Meal .....
" " "	CICO Fish Meal .....
Continental Distilling Co., Philadelphia, Pa.	Continental Distillers Grains.....
" " "	Continental Distillers Grains.....
Continental Feed Co., Baltimore, Md.	*55% Meat Scrap .....
Continental Milling & Feed Co., Ellicott City, Md.	‡Continental Horse Feed.....
" " "	Polka Dot Poultry Fatner .....
Corn Products Refining Co., New York, N. Y.	Diamond Corn Gluten Meal.....
" " "	Buffalo Corn Gluten Feed .....
" " "	Buffalo Corn Gluten Feed .....

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS	
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
Baltimore....	.....	30.00	32.47	5.00	x4.67	.....	.....	10.08	.....	As declared on sack	
Baltimore....	8.16	14.00	16.50	4.00	4.47	12.00	10.21	6.40	54.26	"	"
Baltimore....	9.60	16.00	19.04	4.00	4.25	4.00	3.50	3.71	59.90	"	"
Baltimore....	7.79	14.50	18.43	4.00	5.09	9.50	8.15	5.48	55.06	"	"
Derwood.....	9.80	16.00	18.69	4.00	5.23	6.00	5.65	4.94	55.69	"	"
Wash. Grove.	9.15	16.50	18.08	3.00	3.85	12.00	10.53	6.40	51.99	"	"
Hagerstown..	6.42	32.00	34.58	5.00	6.28	7.00	5.68	16.10	30.94	"	"
Hagerstown..	7.67	20.00	22.99	4.00	4.73	6.00	6.23	8.22	50.16	"	"
Hagerstown..	7.86	20.00	21.24	5.00	5.35	7.00	5.91	9.60	50.04	"	"
Baltimore....	9.91	10.00	11.06	2.50	3.46	3.00	2.16	1.97	71.44	"	"
Hagerstown..	5.85	30.00	33.35	12.50	20.63	6.00	4.65	5.22	30.30	"	"
Baltimore....	9.61	13.00	15.27	2.00	2.81	5.00	4.67	2.79	64.85	"	"
Baltimore....	8 31	23.00	23.52	5.00	5.54	7.00	5.59	7.54	49.50	"	"
Baltimore....	9.31	12.50	13.25	3.50	3.70	6.00	4.21	2.98	66.55	"	"
Maugansville.	6.03	55.00	48.27	7.00	7.95	3.00	2.35	36.34	.....	A.	
Berlin.....	6.18	55.00	49.00	7.00	8.24	3.00	2.69	33.78	.11	B.	
Berlin.....	7.66	50.00	47.08	7.00	7.50	3.00	1.98	35.50	.28	As declared on sack	
Berlin.....	5.82	50.00	43.18	7.00	7.93	3.00	1.92	39 84	1.31	C.	
Maugansville.	5.12	45.00	43.97	7.00	7.64	3.00	1.63	41.72	.....	D.	
Berlin.....	6.51	55.00	52 54	8.00	8.92	2.00	1.00	26.10	4.93	E.	
Berlin.....	8.30	55.00	58.62	8.00	8.77	2.00	.88	20.80	2.63	As declared on sack	
Maugansville.	5.59	50.00	50.46	8.00	16.24	3.00	3.82	23.91	.....	F.	
Baltimore....	6.56	55.00	57.39	6.00	9.15	0.00	3.02	23.76	.12	As declared on sack	
Baltimore....	6.46	50.00	51.16	6.00	10.28	0.00	2.27	29.67	.16	"	"
Frederick....	6.54	55.00	60.20	1.00	9.06	1.00	.30	14.22	9.68	"	"
Baltimore....	8.14	55.00	59.67	1.00	5.05	1.00	.57	6.80	19.77	"	"
Germantown	5.49	23.00	24.83	7.00	7.49	14.00	15.27	2.37	44.55	"	" G.
Easton.....	6.11	23.00	24.92	7.00	8.57	14.00	12.73	2.47	45.20	"	" G.
Middleburg..	6.63	55.00	46.29	8.00	12.06	2.00	1.60	32.13	1.29	As declared on sack	
Raspeburg...	9.98	7.00	7.57	2.50	2.20	13.00	14.46	6.91	58.88	"	"
Ellicott City..	8.88	12.00	14.22	4.00	5.04	7.00	6.09	4.75	61.02	"	"
Frederick....	8.70	43.00	48 27	1.00	1.51	4.00	1.90	2.88	36.74	"	"
Gaithersburg.	8.01	25.00	26.15	2.00	2.48	8.50	8.19	5.48	49.69	"	"
Baltimore....	10.82	25.00	26.32	2.00	2.27	8.50	8.08	6.88	45.63	"	"

A—Found 10.23% Salt.
B—Found 7.75% Salt
C—Also detected Barley—Appears to be Ground & Pearled—Found 6.27% Salt.
D—Found 6.27% Salt.
E—Product contains at least 2% Barley also Salt about 2.80%.
F—Detected an excessive amount of Hair.
G—Fat guarantee on sack differs from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Decatur Milling Co. Inc., Decatur, Ill.	‡Homco Hominy Feed
Derwood Mill, Derwood, Md.	*Derwood Dairy Feed 26%
" "	Derwood Dairy Feed 20%
" "	Derwood Dairy Feed 20%
" "	Derwood Dairy Feed 16%
" "	Derwood Dairy Feed 16%
" "	Derwood Laying Mash
" "	Derwood Laying Mash
" "	Derwood Growing Mash
" "	Derwood Growing Mash
" "	Derwood Turkey Mash
" "	Derwood Turkey Mash
Dewey Bros. Co., Blanchester, Ohio	Distillers Dried Grains
" " "	*Distillers Dried Grains
" " "	Dewey's Brewers Dried Grains
" " "	Rye Distillers Dried Grains
Dickey Bros., Washington, D. C.	Capitol Dairy Feed
" "	*Capitol Laying Mash
" "	Capitol Growing Grains
" "	Capitol Chick Grains
" "	Capitol Scratch Grains
Albert Dickinson Co., Chicago, Ill.	Dickinson's Globe Milk Producer 24%
" "	Dickinson's Globe Milk Producer 20%
" "	‡Dickinson's Globe Horse Feed
" "	‡Dickinson's Globe Poultry Balancer
" "	‡Dickinson's Globe Rabbit Globets
Dietrich & Gambrill Inc., Frederick, Md.	Gambrill's High Protein Dairy Feed
" " " "	Gambrill's A.I. Dairy Feed
" " " "	Gambrill's A.I. Dairy Feed
" " " "	Frederick Dairy Feed
" " " "	D. & G. Dairy Feed
" " " "	Gambrill's 16% Dairy Feed
" " " "	Big 4 Dairy Feed
" " " "	Frederick Laying Mash
" " " "	Gambrill's Laying Mash
" " " "	*‡D. & G. Fitting Ration
" " " "	Gambrill's Horse Feed
" " " "	Frederick Stock Feed
" " " "	Gambrill's Hog Meal
" " " "	Gambrill's Hog Meal
" " " "	All Mash Turkey Starter
T. M. Dinsmore & Co., Balto., Md.	Dried Grains **(Not Tagged)**
" "	‡"Dinsco" Dried Grains
" "	"Dinsco" Dried Grains

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Rising Sun...	9.44	10.00	11.67	7.00	7.33	6.00	5.43	4.50	61.63	As declared on sack
Derwood.....	10.23	26.00	23.71	4.00	4.85	9.00	9.45	8.98	42.78	A.
Derwood.....	10.95	20.00	20.05	4.00	4.95	9.00	12.04	8.28	43.74	B.
Derwood.....	10.02	20.00	20.82	4.00	5.42	9.00	11.24	7.84	44.66	D.
Derwood.....	10.55	16.00	17.37	4.00	5.18	10.00	14.54	8.52	43.84	C.
Derwood.....	10.84	16.00	15.86	4.00	5.00	10.00	10.60	6 69	51.01	B.
Derwood.....	8.85	20.00	21.59	4.00	5.58	7.00	6.66	11.65	45.67	B.
Derwood.....	8.12	20.00	20.53	4.00	5.26	7.00	6.62	10.57	48.90	As declared on sack
Derwood.....	9.62	19.00	19.04	4.00	4.82	6.00	6.19	10.65	49.63	" "
Derwood.....	8.87	19.00	19.74	4.00	4.62	6.00	5.59	8.62	52.56	" "
Derwood.....	7.91	21.00	21.50	4.00	5.45	6.00	9.82	13.26	42.06	" "
Derwood.....	7.89	21.00	20.97	4.00	5.16	6.00	9.00	10.92	46.06	" "
Baltimore...	4.40	24.00	24.31	7.00	7.05	16.00	13.81	3.38	47.05	" "
Baltimore...	5.37	24.00	24.83	7.00	6.29	16.00	13.85	2.38	47.28	" "
Frederick....	4.57	22.00	27.20	6.00	6.79	18.00	18.07	3.90	39.47	" "
Baltimore...	6.12	16.00	17.02	5.00	5.90	18.00	16.40	1.99	52.57	" "
Hyattsville..	9.46	20.00	23.12	4.00	4.52	11.00	7.81	5.91	49.18	" "
Hyattsville..	9.35	20.00	22.20	5.00	4.30	7.00	6.57	8.31	49.27	" "
Hyattsville..	10.46	10.00	10.79	3.00	3.90	3.00	1.63	1.73	71.49	" "
Hyattsville..	10.63	10.00	10.97	3.00	4.16	3.00	2.12	2.03	70.09	" "
Hyattsville..	10.82	10.00	10.62	2.50	3.56	4.00	2.81	1.95	70.24	" "
Overlea.....	8.35	24.00	25.74	3.00	3.84	10.00	7.89	10.94	43.24	" "
Fullerton....	9.01	20.00	20.99	3.00	3.29	10.00	7.97	9.36	49.38	" "
Overlea.....	8.12	10.00	11.17	3.00	3.61	12.00	7.25	4.01	65.84	" "
Overlea.....	6.92	32.00	32.99	3.50	5.38	8.00	7.28	22.22	25.21	B.
Overlea.....	8.11	12.00	18.25	4.00	4.39	5.50	5.83	7.98	55.44	As declared on sack
Hagerstown..	7.51	32.00	32.16	5.00	4.84	9.00	9.34	6.34	39.81	" "
Boyds.....	8.65	24.00	24.67	4.60	4.39	9.00	8.11	6.87	47.31	E.
Baltimore...	8.00	24.00	25.89	4.60	4.60	9.00	7.85	6.42	47.24	As declared on sack
Mt. Airy.....	8.67	24.00	25.07	4.00	4.29	12.00	12.65	7.15	42.17	" "
Waldorf.....	9.93	20.00	21.85	4.00	4.09	12.00	10.77	8.14	45.22	" "
Mt. Airy.....	9.62	16.00	18.00	3.50	3.67	12.00	9.21	7.64	51.86	" "
Ellicott City..	10.63	11.00	14.14	2.50	2.97	16.00	15.46	6.92	49.88	" "
Waldorf.....	8.79	18.00	18.78	3.50	4.80	8.00	5.67	7.98	53.98	" "
Lewistown..	7.86	20.00	22.46	5.00	5.97	7.00	7.00	9.12	47.59	" "
Sparks.....	10.39	12.00	15.26	4.00	3.42	8.00	6.73	7.02	57.18	" "
Baltimore...	9.02	10.00	11.06	3.50	3.78	12.00	5.37	2.96	67.81	" "
Ellicott City.	8.89	7.50	10.97	3.00	4.24	12.00	10.40	3.88	61.62	B.
Hagerstown..	9.23	18.00	19.85	4.00	4.04	8.00	4.93	8 33	53.62	As declared on sack
Baltimore....	9.29	18.00	21 55	4.00	4.64	8.00	5.48	7.49	51.55	" "
Baltimore....	8.25	24.00	25.10	4.50	6.01	7.00	5.14	10.75	44.75	" "
Bel Air.....	7.65	.....	14.94	.....	4.16	.....	25.00	3.62	44.63	F.
Baltimore....	8.58	17.00	18.22	6.00	6.91	17.00	15.79	2.06	48.44	As declared on sack
Carson's Run.	8.27	17.00	17.55	6.00	6.17	17.00	15.74	1.93	50.34	" "

A—Ingredients on sack differ from license. Unable to detect Soy Bean Oil. Meal & Dried Beet Pulp—also detected Peanut Skin & Hulls.
B—Ingredients on sack differ from license.
C—Ingredients on sack differ from license. Unable to detect Soy Bean Oil Meal.
D—Ingredients on sack differ from license. Unable to detect Dried Beet Pulp.
E—Also detected Soy Bean Oil Meal.
F—Supposedly Rye Dried Grains but lighter in weight & more Fibrous than normal.

MANUFACTURER AND ADDRESS	NAME OF FEED
William H. Dolbey, White Haven, Md.	Dolbey's Laying Mash
" " "	Growing Mash
" " "	Dolbey's Hog Feed
" " "	Dolbey's Scratch Feed
Donahue Stratton Co., Milwaukee, Wis.	‡Onyx Dried Grains
Ezl. Dunwoody Co., Philadelphia, Pa.	"Super X" Dehydrated Alfalfa Poultry, Greens
" "	"Super X" Dehydrated Alfalfa Poultry, Greens
" "	‡"Super X" Dehydrated Alfalfa Poultry Greens
" "	*"Super X" Dehydrated Alfalfa Poultry Greens
" "	*‡"Super X" Dehydrated Alfalfa Poultry Greens
Early & Daniel Co., Cincinnati, Ohio	‡Cottonseed Meal
" " " "	Tuxedo Special Twenty Four Dairy
" " " "	Tuxedo Dairy 24%
" " " "	Tuxedo Dairy 20%
" " " "	‡Cerealia Sweets
" " " "	Tuxedo Dairy 16%
" " " "	Tuxedo Egg Mash
" " " "	Tuxedo Growing & Developing Mash
" " " "	Tuxedo Supplement Mash
" " " "	Tuxedo Golden Stock Feed
" " " "	Tuxedo Pig Meal
" " " "	Tuxedo Developer
" " " "	‡Tuxedo Red Dog Middlings
" " " "	Tuxedo Worming Mash
" " " "	Tuxedo Pigeon Feed
East Coast Trading Co., Baltimore, Md.	*East Coast Pure Fish Meal
" " "	East Coast Fish Meal
" " "	East Coast Fish Meal
" " "	Oberco 50% Meat & Bone Scrap
" " "	*Oberco 50% Meat & Bone Scrap
" " "	Oberco 50% Meat & Bone Scrap
Eastern Grain Growers, Hagerstown, Md.	‡Dried Distillers Grain with Molasses
" " " "	‡Dried Distillers Grain with Molasses
" " " "	*Magic Dairy Feed
" " " "	Magic Dairy Feed
" " " "	Magic Poultry Mash
" " " "	*Magic Hog Ration
Eastern States Farmers' Exchange, Springfield, Mass.	Eastern States 32% Supplement Feed.
" "	Open Formula

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
White Haven	8.73	20.00	20.01	4.00	4.24	6.50	6.19	9.07	51.76	As declared on sack
White Haven	8.89	15.50	15.97	4.00	4.21	5.00	6.31	7.34	57.28	A.
White Haven	9.17	15.00	16.50	3.50	3.76	4.30	5.84	7.25	57.48	As declared on sack
White Haven	10.11	9.00	9 75	3.00	3.06	5.00	2.82	1.88	72.38	B.
Wash. Grove.	6.07	20.00	21.94	6.00	6.16	19.00	17.76	2.70	45.37	As declared on sack
Chestertown.	6.17	17.00	16.41	2.00	2.28	25.00	27.04	9.07	39.03	" "
Chestertown.	8.08	17.00	22.62	2.00	3.15	25.00	19.84	11.99	34.32	" "
Berlin.....	6.73	17.00	17.72	2.00	2.15	25.00	24.73	9.76	38.91	" "
Cambridge...	6.88	17.00	15.84	2.00	2.13	25.00	28.52	10.75	35.88	" "
Salisbury....	6.91	17.00	15.97	2.00	2.65	25.00	29.20	10.08	35.19	" "
Oakland.....	7.94	41.00	40.72	6.00	6.65	10.00	10.40	6.20	28.09	" "
Snow Hill...	8.47	24.00	24.62	4.00	4.64	12.00	8.38	7.84	46.05	C.
Lonaconing..	8.01	24.00	23.86	4.00	5.02	9.00	7.29	8.04	47.78	As declared on sack
Oakland.....	8.50	20.00	19.09	3.50	4.10	12.00	8 93	10.69	48.69	" "
Oakland.....	8.75	20.00	20.76	4.00	3.54	8.50	6.57	8.98	51.40	" "
Lonaconing..	9.49	16.00	17.37	3.50	4.15	12.50	9.53	9.36	50.10	" "
Oakland.....	7.81	18.00	19.14	4.00	5.32	7.50	5.23	6.88	55.62	" "
Oakland.....	7.76	17.00	17.81	3.50	6.11	6.00	5.24	4.50	58.58	" "
Berlin.....	8.84	30.00	30.87	4.00	4.28	7.00	4.52	16.78	34.71	" "
Lonaconing..	10.17	9.00	10.42	4.50	6.15	10.00	5.06	5 26	62.94	" "
Cumberland.	8.57	14.50	15.28	4.50	5.16	7.00	5.56	6.64	58.79	" "
Berlin.....	10.67	9.50	10 88	2.50	2.49	4.00	1.97	1.43	72.56	" "
Lonaconing..	10.68	16.50	16.76	4.00	3.93	4.00	4.21	5.35	59.07	" "
Oakland.....	7.77	18.00	20.14	4.00	6.81	7.00	4.28	7.79	53.21	" "
Snow Hill...	10.98	14.00	14.74	2.50	3.24	4.00	4.07	2.48	64.49	" "
Chewsville...	6.33	60.00	58 85	5.00	9.79	1.00	.77	20.75	3.51	" "
Denton.....	6.92	55.00	55.46	5.00	8.35	1.00	.69	21.86	6.72	" " D.
Germantown	6.99	55.00	57.97	5.00	10.78	1.00	.66	15.37	8.23	" " D.
Chewsville...	5.86	50.00	49.76	8.00	12.54	3.00	2.09	27.71	2.04	" "
Chestertown.	5.90	50.00	48.79	8.00	10.89	3.00	1.95	30.69	1.78	" "
Baltimore....	6.57	50.00	50.20	8.00	9.94	3.00	1.72	28.93	2.64	" "
Lewistown..	5.73	16.00	17.95	5.00	5.27	15.00	11.64	2.51	56 90	" "
Brunswick...	6.05	16.00	16.94	5.00	5 56	15.00	12.78	2 90	55.77	" "
Hagerstown..	9.00	24.00	24.65	5.50	4.57	7.30	8.88	7.87	45 03	" "
Hagerstown..	9.91	16.50	17.68	3.50	4.02	12.00	7.09	7.84	53 46	E.
Hagerstown..	8.30	16.00	21.41	4.00	5.71	6.00	4.78	10.51	49.29	As declared on sack
Hagerstown..	8.85	20.00	20.36	5.00	4.29	5.00	4.64	7.62	54 24	" "
Elkton.....	8.45	32.00	33.36	4.50	4.97	8.00	7.73	7.62	37.87	" "

A—Ingredients on sack differ from license.
B—Protein; Fat & Fibre guarantee on sack differ from license.
C—Also detected Whole Weed Seed.
D—Fibre guarantee on sack differs from license.
E—Also detected Corn Gluten Meal.

MANUFACTURER AND ADDRESS	NAME OF FEED
Eastern States Farmers' Exchange, Springfield, Mass. (Cont'd.)	Eastern States Milkmore Open Formula Dairy Ration
" "	Eastern States Milkmore Open Formula Dairy Ration
" "	Eastern States Highland 20 Open Formula Dairy Ration
" "	Eastern States Producer 20
" "	‡Eastern States Egg Mash Open Formula
" "	Eastern States Producer Mash Open Formula
" "	Eastern States Developer Mash Open Formula
" "	Eastern States Horse & Calf Ration Open Formula
" "	Eastern States Hog Meal Open Formula
" "	‡Eastern States Chick Grains Open Formula
" "	‡Eastern States Turkey-Grow Open Formula
" "	‡Eastern States Turkey-Fat Open Formula
" "	‡Eastern States Turkey-Start Open Formula
Easton Milling Co., Easton, Md.	Talbot Turkey Mash
S. T. Edwards & Co. Inc., Chicago, Ill.	*‡"Yankee" Brand Dried Buttermilk
" " "	"Yankee" Brand Dried Buttermilk
" " "	"Butterfly" Brand Dried Skimmed Milk
" " "	"Butterfly" Brand Dried Skimmed Milk
Edwards Dist., Co., Balto., Md.	Pure Ground Fish Meal
" " " "	Pure Ground Fish Meal
" " " "	Pure Ground Fish Meal
" " " "	Pure Ground Fish Meal
" " " "	Pure Ground Fish Meal
Englar & Sponseller, Westminster, Md.	*"Meadow-Brook" Laying Mash
Enterprise Tallow & Grease Co., Phila., Pa.	Del-Mar-Va Brand Meat Scrap
" " " " "	Del-Mar-Va Brand Meat & Bone
" " " " "	Del-Mar-Va Brand Meat & Bone
" " " " "	*Del-Mar-Va Brand Meat & Bone
John W. Eshelman & Sons, Lancaster, Pa.	Eshelman 32% Mixing Ration
" " " "	Eshelman Challenge Dairy Feed
" " " "	Eshelman Red Rose 24% Dairy Feed
" " " "	*Eshelman Conestoga 20 Dairy Feed
" " " "	Eshelman Pennsy 16 Dairy Feed
" " " "	Eshelman Red Rose Laying Mash
" " " "	Eshelman Red Rose Fattening Mash
" " " "	Eshelman Red Rose Turkey Mash
" " " "	‡Eshelman Red Rose Rabbit Feed (pelleted)

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Snow Hill...	9.10	24.00	26.54	4.50	4.75	8.00	8.55	6.29	44.77	As declared on sack
Elkton.....	8.96	24.00	25.50	4.50	5.14	8.00	8.51	7.04	44.85	" "
Snow Hill...	10.84	20.00	21.11	4.00	4.32	8.00	7.44	4.96	51.33	" "
Snow Hill...	8.43	20.00	20.80	4.00	5.37	6.00	6.10	10.34	48.96	" "
Snow Hill...	9.05	17.00	17.72	4.00	4.86	6.50	5.70	8.93	53.74	" "
Snow Hill....	9.16	17.00	17.20	4.00	5.51	6.50	5.28	9.28	53.57	" "
Snow Hill...	8.64	18.50	19.31	4.00	5.13	6.50	5.69	8.66	52.57	" "
Snow Hill...	10.57	10.50	12.65	3.50	3.78	7.00	6.77	4.25	61.98	" "
Elkton.....	7.80	14.50	16.15	4.00	4.64	5.50	3.74	7.45	60.22	" "
Easton.....	11.21	9.50	10.79	2.00	2.27	3.00	1.34	1.32	72.57	" "
Elkton.....	7.38	20.00	20.01	4.00	6.06	5.00	5.25	9.96	51.34	" "
Elkton.....	8.12	16.00	16.76	3.50	4.31	5.00	5.45	7.42	57.94	" "
Easton.....	9.22	24.00	24.92	4.50	5.89	5.00	3.81	10.90	45.26	" "
Easton.....	8.49	21.00	22.73	5.00	6.32	8.00	8.88	11.85	41.73	" "
Rising Sun...	.....	32.00	32.91	5.00	x2.21	.....	.....	8.25	.....	A.
Baltimore....	.....	32.00	31.24	5.00	x3.80	.....	.....	9.66	.....	B.
Baltimore....	.....	32.00	32.47	.25	x1.37	.....	.....	7.96	.....	As declared on sack
Ingleside....	.....	32.00	32.73	.25	x.96	.....	.....	8.07	.....	" "
Gaithersburg.	7.40	58.00	60.55	4.00	5.90	1.75	1.08	21.70	3.37	" "
Gaithersburg.	6.69	58.00	59.50	4.00	7.88	1.75	.73	22.11	3.09	" "
White Hall..	5.18	58.00	58.62	4.00	9.94	1.75	1.00	22.36	2.90	" "
White Hall...	9.74	58.00	59.76	4.00	4.40	1.75	.85	21.78	3.47	" "
Hagerstown..	7.74	58.00	57.92	4.00	6.33	1.75	.97	23.57	3.47	" "
Westminster.	8.74	20.45	21.67	5.50	4.47	10.45	9.24	8.54	47.34	" "
Salisbury....	7.21	55.00	55.02	10.00	9.52	2.00	2.50	25.61	.14	" "
Berlin.....	5.82	45.00	46.77	10.00	13.05	2.00	2.04	31.75	.57	" "
Salisbury....	6.08	45.00	45.28	10.00	12.43	2.00	2.07	33.60	.54	" "
Cambridge...	5.53	45.00	43.97	10.00	16.21	2.00	1.98	30.96	1.35	" "
Baltimore....	8.93	32.00	31.58	4.50	4.78	9.00	7.77	7.95	38.99	" "
Aldino.....	9.68	24.00	23.45	4.00	3.98	11.00	7.32	7.00	48 57	" "
Baltimore....	8.09	24.00	25.75	4.00	3.79	11.00	8.34	6.98	47.05	" "
Aldino.....	10.36	20.00	24.68	4.00	3.08	11.00	8.97	8.74	44.17	" "
Aldino.....	10.70	16.00	16.76	3.00	3.13	11.00	7.69	8.46	53.26	" "
Reisterstown	8.13	20.00	20.71	5.00	5.80	7.00	6.33	9.32	49.71	" "
Bel Air.....	10.12	14.00	13.34	4.00	4.67	5.00	4.49	3.58	63.80	" "
Bel Air.....	8.97	18.00	18.43	4.50	5.60	7.00	7.77	6.96	52.27	" "
Silver Sp'gs..	9.62	14.00	15.80	3.50	4.63	9.50	6.51	6.05	57.39	" "

A—Looks & smells like Dried Skim Milk.
B—Appears to be Buttermilk—large amount of Burnt & Charred particles.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Evans Milling Co., Indianapolis, Ind.	Evans 41% Soybean Cake Meal
" " " "	Emco Hominy Feed
Fairchild Milling Co., Cleveland, Ohio	Special Fine Middlings, with G.S.N. Ex.M.R.
Fairfield Western Md. Dairy, Baltimore, Md.	Skim Milk Powder
Fairmont Creamery Co., Omaha, Neb.	Fairmont's Better Pure Flake Buttermilk
Farm Service Stores, Inc., Balto., Md.	*Choice Dairy Ration 20%
" " " "	Farm-A-Serv Quality Dairy Ration 20%
" " " "	Farm-A-Serv Egg Mash
" " " "	Farm-A-Serv Egg Mash
" " " "	North Star Scratch Feed
Farmers Cooperative Asso., Inc., Fred., Md.	28% Special
" " " "	24% Dairy Feed
" " " "	Laying Mash
" " " "	Starting Mash
" " " "	‡Poultry Scratch
Farmers Fertilizer & Feed Co., Westminster, Md.	Farmers 24% Dairy Feed
" "	Farmers Favorite Laying Mash
" "	Farmers Favorite Growing Mash
" "	*Farmers Favorite Pig Meal
Farmers Supply Co., Walkersville, Md.	*Hog Feed
Faroll Brothers, New York, N. Y.	‡Wheat Bran, with Ground Screen. N.Ex.M.R.
" " "	
Federal Mill Inc., Lockport, N. Y.	‡Dairy Maid Soft Winter Wheat Flour Middlings, with Ground Wheat Screen N.Ex.M.R.
" " "	
" " "	
Federal Milling Co., Hagerstown, Md.	Federal Pure Corn, Oats & Barley
Feed-Mor Products Co., Westminster, Md.	Meat Meal
Fullerton Supply Co., Overlea, Md.	Fullerton's Laying Mash
" " " "	Fullerton's Starting & Growing Mash
Gall & Smith, Thurmont, Md.	G. & S. Laying Mash
Gambrill Grain Products Co., Balto., Md.	Milkaid 24% Dairy Feed
" " "	Skor 20% Dairy Feed
" " "	Gambrill's Aliceanna Laying Mash
" " "	Hen-Lay Laying Mash

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hagerstown..	5.99	41.00	41.59	5.00	6.80	7.00	5.92	6.83	32 87	As declared on sack
Hagerstown..	9.53	10.00	12.29	6.00	7.45	6.00	6.18	3.68	60.87	" "
P'c'moke City	10.99	15.00	16.32	3.00	2.94	5.00	2.61	2.89	64 25	" "
Westminster.	....	33.00	35.36	.50	x1.14	....	....	7.96	....	" "
Wash. Gr....	....	32.00	34.66	6.00	x6.01	....	....	13.42	....	" "
Baltimore....	7.60	20.00	21.60	3.50	2.96	12.00	11.02	6.79	50.03	" "
Baltimore....	7.35	20.00	21.06	4.50	5.56	11.00	8.88	5.05	52.10	" "
Baltimore...	8.93	19.00	20.18	4.00	5.18	8.50	5.94	8.27	51.50	" "
Baltimore....	8.15	19.00	19.74	4.00	5.04	8.50	5.97	8.25	52 85	" "
Baltimore....	8.29	10.00	10.71	3.50	3.20	4.00	3.32	2.26	72.22	A.
Frederick....	8.14	28.00	30.27	4.00	4.28	10.00	9.28	7.20	40 83	As declared on sack
Frederick....	8.00	24.00	25.02	3.50	4.02	14.00	9.88	8.29	44.79	B.
Frederick....	8.34	20.00	21.67	4.00	4.47	7.00	6.53	9.45	49.54	C.
Frederick....	9.04	17.00	20.53	4.00	5.11	6.50	5.08	7.60	52.64	As declared on sack
Frederick....	11.17	9.00	10.35	2.50	2.69	5.00	2.13	1.10	72 56	" "
Westminster.	6.99	24.00	25.45	4.00	3.70	12.00	10.91	7.73	45.22	D.
Westminster.	8.33	20.00	20.53	4.50	4.49	10.00	8.89	7.30	50 46	As declared on sack
Westminster.	8.81	17.00	17.38	4.00	4.56	6.50	7.97	6.08	55 20	" "
Westminster.	9.17	18.00	18.08	5.00	4.48	10.00	6.12	6 63	55.52	" "
Walkersville.	10.42	15.00	16.99	4.00	3.21	4.50	6.43	4.11	58.84	E.
Elkton.....	9.15	13.00	16.15	4.00	4.13	13.00	13.23	6 60	50.74	As declared on sack
Chestertown.	9.84	13.00	15.53	4.50	4.31	6.00	6.15	3.10	61 07	" "
Hagerstown..	9.38	10.00	11.06	5.00	4.53	9.00	4.87	3.30	66.86	" "
Westminster.	6.94	55.00	59.85	5.00	7.07	4.00	1.86	23.70	.58	" "
Overlea.....	8.73	20.00	20.45	4.50	4.96	6.50	7.30	9.84	48.72	" "
Overlea.....	8.90	16.00	17.29	4.50	5.43	6.00	6.65	12.24	49.49	" "
Thurmont....	8.17	20.00	22.46	4.00	5.20	10.00	5.35	8.22	50.60	" "
Baltimore....	10.24	24.00	24.48	4.00	4.95	12.50	11.53	6.86	41.94	" "
Baltimore....	8.00	20.00	21.89	4.00	4.99	13.00	12.09	8.08	44.95	" "
Baltimore....	11.69	20.00	19.13	3.50	4.63	8.00	6.50	7.64	50.41	" "
Baltimore....	10.28	18.00	18.95	3.50	4.62	8.00	6.18	8.58	51.39	" "

A—Unable to detect Kaffir & Milo.
B—Ingredients on sack differ from license.
C—Also detected Corn Gluten Feed & Alfalfa Meal.
D—Also detected a prepared Mineral Mixture.
E—Unable to detect Molasses.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
General Commodity Corp., Buffalo, N. Y.	‡Old Sol Dried Buttermilk (Bison)
General Mills Inc., Minneapolis, Minn.	Eventually Gold Medal Egg Mash for Breeding & Laying, with DBM
" "	‡North Star Egg Mash
" "	Eventually Gold Medal Growing Mash, with DBM
Glade Valley Milling Co., Walkersville, Md.	Gee Vee Dairy Feed
" "	Gee Vee Laying Mash
" "	Gee Vee Laying Mash
Great Atlantic & Pacific Tea Co., New York, N. Y.	*Milky Way Dairy Feed 24%
" "	Daily Milk Dairy Feed
" "	Daily Egg Mash Feed
Green Acre Farms, Nazareth, Pa.	Green Acres Brand Super Quality Alfalfa Meal
" "	*Green Acres Brand Super Quality Alfalfa Meal
" "	
Green-Mish Co., Washington, D. C.	Prime 45% Peanut Meal
" "	"Green Tag Prime"Cotton Seed Meal
" "	"Green Tag Prime"Cotton Seed Meal
" "	"Green Tag Prime"Cotton Seed Meal
" "	*Pure Distillers Grains
W. D. Groff, Owings Mills, Md.	Will-Gro Laying Mash
Hales & Hunter Co., Chicago, Ill.	*Red Horn 32% Dairy Balancer
" "	*Red Horn 24% Dairy Feed
" "	*Special Red Horn 24% Dairy Feed
" "	Gold Flake Dairy Feed
" "	‡Sugared Dairy Base
" "	Red Comb Egg Mash, with DBM
" "	‡Red Comb Balancer, with DBM
" "	Red Comb Growing Mash, with DBM
" "	‡H. & H. Sugared Stock Feed
" "	‡Pioneer Hog Feed, with DBM
" "	Red Horn Calf Meal, with DBM
" "	‡H. & H. Quality Fine Ground Feeding Oatmeal
" "	‡Pioneer Chop
" "	‡Red Comb Coarse Chick
" "	‡Red Comb Scratch Feed
C. A. Hall, Girdletree, Md.	Hall's Laying Mash
" "	*Hall's Starter & Growing Mash

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore....	....	30.00	30.98	5.00	x5.77	....	.....	9.32	.....	As declared on sack
Baltimore....	7.54	19.00	19.83	5.00	4.95	8.00	5.89	10.73	51.06	" "
Baltimore....	8.83	18.00	19.13	4.00	4.93	7.50	8.94	10.56	47.61	" "
Baltimore....	8.05	16.00	17.99	4.00	4.82	7.50	5.59	9.06	54.49	" "
Walkersville.	8.31	20.00	21.32	3.00	3.65	9.00	9.08	6.80	50.84	" "
Walkersville.	9.34	20.00	20.71	5.00	4.70	6.00	4.90	8.68	51.67	" "
Walkersville.	8.79	20.00	17.81	5.00	5.22	6.00	4.42	8.70	55.06	" "
Oakland.....	7.80	24.00	24.80	4.50	3.88	9.00	7.68	7.31	48.53	" "
Oakland.....	8.03	16.00	17.69	4.00	4.13	12.00	11.33	9.26	49.56	" "
Oakland.....	8.35	20.00	20.45	4.50	5.02	7.00	6.52	10.68	48.98	" "
Hagerstown..	6.19	13.00	15.53	2.00	2.76	30.00	22.19	10.70	42.63	" "
Chewsville...	6.12	17.00	15.45	2.00	2.46	25.00	24.42	12.97	38.58	" "
Germantown	6.13	45.00	45.63	6.00	7.39	12.00	10.03	7.68	23.14	" "
Mt. Airy.....	7.13	41.00	42.30	6.00	7.13	10.00	9.82	5.98	27.64	" "
Rising Sun...	8.54	41.00	41.59	6.00	5.95	10.00	9.61	6.31	28.00	" "
Detour.....	6.71	41.00	42.94	6.00	7.14	10.00	10.40	7.86	24.95	" "
Germantown.	5.67	17.00	18.25	6.00	5.10	18.00	16.77	2.50	51.71	" "
Owings Mills.	7.49	18.00	19.48	5.00	5.29	8.00	8.98	10.60	48.16	" "
Walkersville.	8.19	32.00	32.16	6.00	3.29	7.00	6.69	8.24	41 43	" "
Cumberland..	8.28	24.00	24.73	5.00	3.92	10.00	7.49	8.64	46.94	" "
Baltimore....	9.72	24.00	22.62	4.00	3.99	11.00	10.31	6.45	46 91	" "
Baltimore....	10.32	16.00	16.29	3.50	3.13	15.00	11.64	8.95	49.67	" "
Walkersville.	7.51	5.00	5.16	1.50	1.26	26.00	25.12	8.73	52 22	" "
Baltimore....	9.54	18.00	18.69	4.00	5.54	7.00	6.76	10.07	49.40	" "
Walkersville.	6.51	26.00	26.32	4.00	6.61	8.00	8.43	16.51	35 62	" "
Baltimore....	9.60	16.00	18.60	4.00	5.31	7.00	6.51	7.26	52.72	" "
Cumberland..	9.20	10.00	15.47	3.25	4.31	12.00	10.86	9.02	51.14	A.
Cumberland..	8.18	16.00	20.27	4.00	5.17	9.00	7.93	5.94	52.51	As declared on sack
Baltimore...	8.77	18.00	18.08	4.00	3.97	5.00	4.83	6.19	58.16	" "
Baltimore....	7.39	16.00	19.04	6.00	6.01	4.00	2.88	3.06	61.62	" "
Cumberland..	8.03	8.00	9.48	3.00	4.15	12.00	12.50	5.59	60.25	B.
Baltimore...	9.38	10.00	11.67	2.50	3.11	5.00	2.65	1.64	71.55	As declared on sack
Annapolis...	9.45	10.00	10.97	2.50	2.70	5.00	2.99	1.82	72.07	" "
Girdletree...	10.67	16.00	16.23	4.50	4.50	6.50	6.19	7.00	55.41	" "
Girdletree...	10.22	19.00	17.47	4.50	4.98	6.50	4.91	7.38	55.04	C.

A—Also detected Corn Gluten & Grain Screenings.
B—Fibre guarantee & Ingredients on sack differ from license.
C—Ingredients on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Hampstead Fertilizer Co., Hampstead, Md.	R-E-M Home Made Laying Mash
" "	R-E-M Home Made Hog Feed
Hampstead Milling Co., Hampstead, Md.	Hamco Egg Mash
Hancock Flour & Feed Co., Hancock, Md.	‡Pure Wheat Bran
" "	‡*Pure Wheat Middlings
Frank Harbaugh, Middleburg, Md.	*Use More Dairy
" "	Use More Egg & Growing Mash
" "	*Use More Pig Meal
Hugh J. Hazlehurst, Kingsville, Md.	Repeal Brand Rye Distillers Grains
" "	Repeal Brand Rye Distillers Grains
Hecker-H-O. Co., Inc., Buffalo, N. Y.	Oat Mill Feed
Hershey Creamery Co., Harrisburg, Pa.	Hershey's Superior Powdered Skim Milk.
Hespenheide & Thompson, York, Pa.	York 20% Dairy Feed
" " "	Premier 16% Dairy Feed
" " "	Premier 16% Dairy Feed
" " "	Premier Egg Mash, with BM., Charcoal & Minerals
" " "	Premier Growing Mash, with Cod Liver Oil
" " "	Premier Growing Mash, with Cod Liver Oil
" " "	Premier Growing Mash, with Cod Liver Oil
" " "	York Horse Feed
" " "	Premier Pig & Hog Meal
" " "	Premier Developing Mash, with Cod Liver Oil
" " "	Premier Intermediate Chick Feed
" " "	*Premier Turkey Mash Starter & Grower
" " "	*Premier Turkey Mash Starter & Grower
" " "	*Premier Turkey Mash Starter & Grower
Highland Park Manufacturing Co., Rock Hill, S. C.	‡Cotton Seed Meal
John P. Howard, Hagerstown, Md.	Howard's Poultry Mash
Hubinger Co., Keokuk, Iowa	Ke OK uK Corn Gluten Feed
Humphreys-Godwin Co., Memphis, Tenn.	Dixie Brand 41% Protein Prime Cottonseed Meal
" "	Dixie Brand 41% Protein Prime Cottonseed Meal
" "	Dixie Brand 41% Protein Prime Cottonseed Meal
" "	Dixie Brand 41% Protein Prime Cottonseed Meal

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hampstead..	7.79	20.00	19.13	4.50	4.92	8.00	7.15	8.92	52.09	As declared on sack
Hampstead..	8.50	15.00	16.23	4.00	4.47	8.00	6.06	6.49	58.25	A.
Hampstead..	7.79	20.00	20.62	4.00	4.63	8.00	8.06	12.08	46.82	As declared on sack
Hancock.....	9.94	14.00	17.64	3.50	3.67	10.00	6.42	4.72	57.61	" "
Hancock.....	11.27	14.00	15.01	3.50	2.83	6.00	2.51	2.10	66.28	" "
Medford.....	10.95	16.50	18.52	4.00	3.37	10.00	10.08	7.17	49.91	A.
Medford.....	9.02	20.00	19.31	4.00	4.44	7.00	7.75	7.72	51.76	As declared on sack
Middleburg..	9.78	19.00	17.11	5.00	4.54	5.00	6.49	7.82	54.26	" "
Baltimore...	6.02	17.00	17.11	5.00	5.92	20.00	15.76	3.86	51.33	" "
Cardiff.....	5.88	17.00	17.11	5.00	6.51	20.00	15.76	2.90	51.84	" "
Maugansville.	5.48	6.00	6.84	2.00	2.12	28.00	30.22	6.38	48.96	" "
Frederick....	.....	32.00	35.28	.25	x.91	.....	.....	8.09	.....	" "
Baltimore....	9.61	20.00	22.63	3.50	3.57	12.00	9.26	8.18	46.75	" "
Jarrettsville.	10.85	16.00	20.01	3.00	3.67	12.00	9.39	9.16	46.92	" "
Parkton.....	10.00	16.00	19.12	3.00	3.45	12.00	10.41	10.21	46.81	" "
Jarrettsville.	7.96	20.00	21.06	4.50	5.09	7.00	7.64	9.25	49.00	" "
Baltimore....	8.37	17.00	17.46	4.00	5.13	7.00	5.88	6.24	56.92	" "
Parkton.....	8.18	17.00	17.29	4.00	5.07	7.00	6.53	6.32	56.61	" "
Baltimore....	9.96	17.00	16.94	4.00	5.06	7.00	7.46	6.10	54.48	" "
Baltimore....	10.30	7.00	8.98	2.00	2.10	10.00	9.44	4.44	64.74	" "
Parkton.....	8.63	16.00	17.29	4.00	4.87	7.00	6.87	11.29	51.05	" "
Parkton.....	9.66	15.00	16.32	3.00	5.66	7.00	7.52	5.90	54.94	" "
Baltimore....	10.09	10.00	11.41	2.50	3.83	4.00	1.82	1.62	71.23	" "
Baltimore....	7.60	24.00	20.53	5.00	6.84	9.00	8.82	10.17	46.04	" "
Jarrettsville.	8.51	24.00	22.50	5.00	7.38	9.00	8.64	9.60	43.37	" "
Jarrettsville.	7.66	24.00	21.02	5.00	5.03	9.00	8.34	9.33	48.62	" "
Brunswick...	6.82	41.12	42.74	7.00	7.57	10.00	9.81	5.90	27.16	" "
Hagerstown..	8.62	19.50	20.01	5.00	4.72	7.00	6.44	8.38	51.83	A.
Hagerstown..	7.37	25.00	28.26	2.00	2.53	8.50	7.67	5.78	48.39	As declared on sack
Frederick....	5.94	41.00	44.23	5.00	6.30	12.00	8.83	6.60	28.10	" "
Baltimore....	6.44	41.00	42.12	5.00	5.89	12.00	11.18	6.21	28.16	" "
Frederick....	6.27	41.00	40.54	5.00	5.70	12.00	11.89	6.36	29.24	" "
Frederick....	6.06	41.00	44.23	5.00	6.12	12.00	9.85	6.48	27.26	" "

A—Ingredients on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Humphreys-Godwin Co, Memphis, Tenn. (Cont'd.)	Dixie Brand 41% Protein Prime Cottonseed Meal
Independent Manufacturing Co., Phila, Pa.	*Independent's 55% Meat Scrap & Bone
" "	Independent's 50% Meat Scrap & Bone
Interstate Comm. Co., Atlanta, Ga. Registration paid by Thomas & Co., Gaithersburg, Md.	‡Interstate Brand 41.12% Protein Cotton Seed Meal, Prime Quality
Jefferson Flour Mills Inc., Charles Town, W. Va.	‡Pure Wheat Bran
" "	*‡Pure Wheat Middlings
R. D. Johnson Milling Co., Cumberland, Md	Atlas Egg Mash
Kasco Mills Inc, Waverly, N. Y.	*Kasco 32% Mixing Feed
" " "	Oc-Sak 24% Dairy Feed
" " "	Beatsall Milk Grains
" " "	‡Apex 20% Dairy Ration
" " "	Kasco 16% Dairy Feed
" " "	Apex Laying Mash
" " "	‡Kasco All Mash Laying Food
" " "	Oc-Sak Laying Mash
" " "	‡Kasco Poultry Fattener
" " "	Kasco Pig-Hog Feed
" " "	Kasco Corn Feed Meal
" " "	‡Kasco Corn Feed Meal
" " "	Apex Starter & Grower
" " "	Kasco Turkey Starter & Grower
" " "	‡Kasco Turkey Starter & Grower
Keedysville Milling Co., Keedysville, Md	*Eureka Laying Mash
" " "	‡Wheat Middlings
Key Grain & Food Co., Kevmar, Md.	The Detour Laying Mash
" "	The Key Laying Mash
" "	The Key Growing Mash
" "	The Key Pig Meal
Kershaw Oil Mill, Kershaw, S. C.	"Palmetto Brand" Cotton Seed Meal
" "	"Palmetto Brand" Cotton Seed Meal
King Brothers & Co., Phila., Pa.	King's Alfalfa Leaf Meal
" "	King's Alfalfa Leaf Meal
" "	King's Alfalfa Leaf Meal
" "	King's Alfalfa Leaf Meal
King Midas Mill Co., Minn., Minn.	‡Red Dog Wheat Flour
" "	Cloverleaf Pure Wheat Bran

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS	
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
Baltimore....	6.41	41.00	42.21	5.00	5.81	12.00	10.43	5.54	29.60	As declared on sack	
St. Michaels	6.16	55.00	50.37	8.00	12.42	3.00	1.82	29.10	.13	"	"
St. Michaels	5.87	50.00	51.07	8.00	11.30	3.00	1.82	29.68	.26	"	"
Gaithersburg.	6.62	41.12	41.33	6.00	7.24	10.00	10.40	6.12	28.29	"	"
Hagerstown..	9.91	14.00	14.92	4.00	3.59	6.00	4.53	3.74	63.31	"	"
Hagerstown..	9.87	14.00	14.48	4.00	2.97	11.00	4.45	3.58	64.65	"	"
Cumberland..	8.84	18.00	23.25	4.00	5.39	7.00	4.77	11.97	45.78	"	"
Annapolis....	7.83	32.00	33.75	5.00	3.69	10.00	6.57	6.29	41.87	"	"
Hancock.....	8.01	24.00	24.58	4.00	3.68	12.00	10.66	7.30	45.77	"	"
Oakland.....	8.81	22.00	21.90	4.00	4.47	10.00	8.57	5.82	50.43	"	"
Maple Grove.	7.15	20.00	22.47	3.50	4.16	12.00	9.84	6.16	50 22	"	"
Cumberland.	10.54	16.00	16.36	3.50	4.72	12.00	11.40	7.40	49.58	"	"
Oakland.....	8.75	20.00	19.92	4.00	4.88	8.50	6.53	11.88	48 04	"	"
Annapolis....	7.96	15.00	16.06	4.00	5.33	6.00	5.85	9.25	55.55	"	"
Hancock.....	9.06	17.00	17.72	3.50	5.05	8.50	6.43	9.60	52.14	"	"
Annapolis....	8.96	13.00	15.18	4.50	5 26	5.00	5.26	8.31	57.03	"	"
Hancock.....	9.17	17.00	16.94	4.50	5.39	7.50	6.42	6.75	55.33	"	"
Annapolis...	8.37	8.00	10.83	3.75	4.85	5.00	3.34	2.76	69.85	"	"
Hancock.....	7.85	8.00	10.00	3.75	4.40	5.00	1.82	1.95	73 98	"	"
Hancock.....	8.82	15.00	15.45	4.00	5.17	6.00	5.47	8.40	56.69	"	"
Annapolis...	8.91	20.00	20.01	4.00	4.98	8.00	8.17	12.52	45.41	"	"
Annapolis...	8.41	20.00	20.45	4.00	5.03	8.00	7.93	12.20	45.98	"	"
Keedysville..	8.88	20.00	21.15	5.00	4.17	7.00	6.23	11.94	47.63	"	"
Keedysville..	9.84	14.00	15.88	3.50	4.04	4.00	4.53	3.75	61.96	"	"
Detour.....	8.19	19.00	19.92	4.50	4.87	9.00	9.04	10.18	47 80	"	"
Detour.... ..	8.67	19.00	20.62	5.00	5.08	7.00	5.22	10.19	.50.22	"	"
Detour.....	8.69	16.00	19.31	4.25	4.69	7.00	5.56	7.73	54 02	"	"
Detour.....	9.15	17.00	17.72	4.00	5.05	7.00	6.37	8.52	53.19	"	"
Hagerstown..	6.53	41.00	40.37	6.00	6.15	10.00	12.85	6.58	27 52	"	"
Keymar.....	7.78	41.00	40.37	6.00	5.87	10.00	12.60	6.21	27.17	"	"
Baltimore....	8.01	20.00	20.01	2.00	2.32	18.00	19.66	14.12	35.88	"	"
St. Michaels..	7.99	20.00	19.31	2.00	2.70	18.00	22.72	11.09	36.19	"	"
Baltimore....	7.93	20.00	21.32	2.00	2.43	18.00	18.29	11.02	39.01	"	"
Frederick....	7.16	20.00	22.20	2.00	3.07	18.00	17.34	12.64	37.59	"	"
Baltimore....	10.72	16.50	19.88	4.00	4.46	4.00	2.30	3.25	59.39	"	"
Cambridge...	8.28	15.00	16.85	4.00	5.30	12.00	11.69	6.12	51.76	"	"

MANUFACTURER AND ADDRESS	NAME OF FEED
Chas. F. Knock, Frederick, Md.	Laying Mash
" "	‡Buttermilk Growing Mash
H. Curtis Krout, Maryland Line, Md.	Krout's Growing Mash
La Grange Mills, Red Wing, Minn.	Pure Fancy Coarse Wheat Bran
" "	Pure Wheat Flour Middlings
" "	Wheat Standard Middlings, with Ground Screen. N.Ex.M.R.
Lakeview Milling Co., Chambersburg, Pa.	Soft Winter Wheat Bran, with Ground Screen
" "	Soft Winter Wheat Middlings, with Ground Screen
" "	
Larrowe Milling Co., Detroit, Mich.	41% Protein Cottonseed Meal
" "	Larrowe's 32% Dairy Feed
" "	Larro—The Ready Ration for Dairy Cows
" "	Larro—The Ready Ration for Dairy Cows
" "	Larro Egg Mash
" "	Larro Egg Mash
" "	Larro Growing Mash
" "	Dried Molasses Beet Pulp
" "	Larro Turkey Grower
" "	Larro Turkey Grower
" "	Larro Turkey Grower
John T. Lewis & Bros. Co., Phila., Pa.	Lewis' 34% Old Process Linseed Meal
" "	Lewis' 34% Old Process Linseed Meal
" "	Lewis' 32% Old Process Linseed Meal
Liberty Milling Co., Germantown, Md.	Montgomery 26% Dairy Feed
" "	Liberty 22% Dairy Ration
" "	Liberty Egg Mash
" "	Liberty Growing Mash
" "	Liberty Starter & Grower Turkey Mash
Linwood Elevator Co., Linwood, Md.	Linwood Laying Mash
" "	Linwood Complete Pig Meal
L. B. Lovitt & Co., Memphis, Tenn.	"Lovit Brand" 41% Cottonseed Meal
Maritime Milling Co., Inc., Buffalo, N. Y.	B. B. Farmers Mixing Feed
" "	B. B. "24" Dairy Ration Sweetened
" "	B. B. Hi-Test Dairy Feed 24% Protein Sweetened
" "	B. B. Marmico 16% Protein Dairy Feed, with Molasses
" "	B. B. Marmico 16% Protein Dairy Feed, with Molasses
" "	

‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Frederick....	8.72	18.00	19.57	3.00	6.17	10.00	5.39	7.28	52.87	As declared on sack
Frederick....	9.83	15.00	16.94	4.00	4.53	10.00	3.21	4.84	60.65	A.
Md. Line....	9.19	16.00	17.55	4.00	5.12	6.00	5.24	8.80	54.10	As declared on sack
Rising Sun..	7.91	15.00	17.81	4.50	5.49	13.00	11.08	7.00	50.71	" "
Rising Sun..	9.88	16.50	18.69	3.50	3.77	5.00	3.44	2.93	61.29	" "
Rising Sun..	10.11	16.50	18.25	5.00	5.00	9.50	6.08	5.19	55.37	" "
Chewsville...	9.17	14.00	16.15	4.00	4.04	9.50	8.96	5.78	55.90	" "
Chewsville...	9.81	15.00	15.88	4.00	4.10	7.00	4.93	3.02	62.26	" "
Grantsville...	6.86	41.00	40.54	6.00	5.93	10.00	9.83	7.20	29.64	" "
Baltimore....	8.96	32.00	32.82	4.00	5 08	10.50	9.31	8.58	35.25	" "
Baltimore....	9.00	20.00	20.80	3.75	3.80	12.00	10.62	6.62	49.16	" "
Oakland.....	9.65	20.00	21.24	3.75	3.72	12.00	10.06	5.98	49.35	" "
Silver Sp'gs..	8.22	19.00	20.80	4.00	4.76	7.50	7.23	10.52	48.47	" "
Baltimore....	8.91	19.00	20.80	4.00	5.20	7.50	7.12	11.35	46.62	" "
Baltimore....	9.10	16.00	17.11	4.00	4.39	7.50	6.08	9.80	53.52	" "
Salisbury....	7.12	7.00	8.34	.30	.51	20.00	18.96	4.05	61.02	" "
Baltimore....	8.68	24.00	25.54	4.50	5.18	6.50	5.97	9.58	45.05	" "
Westover....	7.80	24.00	25.27	4.50	5.60	6.50	6.10	10.05	45.18	" "
Baltimore....	8.65	24.00	24.66	4.50	5.17	6.50	5.75	7.34	48.43	" "
Westminster.	7.08	34.00	34.22	5.00	5.65	10.00	8.89	6.33	37.83	" " B.
Cardiff.....	8.19	34.00	33.87	5.00	6.89	10.00	8.42	6.55	36.08	" " C.
Baltimore....	7.54	32.00	33.43	5.00	6.27	10.00	8.72	6.38	37.66	" " D.
Germantown.	8.12	26.00	27.73	5.00	4.97	9.00	8.10	8.90	42.18	As declared on sack
Germantown.	7.41	22.00	22.82	5.00	4.98	10.00	9.93	6.78	48.08	A.
Germantown.	7.85	19.00	21.59	4.00	5.84	7.00	5.86	11.18	47.68	E.
Germantown.	4.42	18.00	19.48	4.00	4.97	8.50	5.73	10.22	55.18	F.
Germantown.	8.35	18.00	20.27	4.50	5.45	6.00	11.17	10.05	44.71	As declared on sack
Linwood.....	8.78	18.00	20.80	4.50	4.46	8.00	7.99	12.67	45.30	" "
Linwood.....	9.25	15.00	18.69	4.50	4.12	6.00	6.54	9.95	51.45	" "
Hagerstown..	5.93	41.00	42.21	5.00	5.94	13.00	11.00	5.22	29.70	" "
White Hall...	8 87	32.00	31.52	5.00	4.99	10.00	8.60	7.86	38.16	" "
Baltimore....	7.59	24.00	24.87	4.50	4.49	11.00	9.47	7.21	46.37	" "
Baltimore....	8.46	24.00	23.96	4.00	4.00	12.00	9.43	8.87	45.28	" "
White Hall...	9.65	16.00	16.90	4.00	4.18	12.00	9.67	8.56	51.04	" "
Baltimore....	9.37	16.00	16.67	4.00	3.65	12.00	9.53	8.31	52.47	" "

A—Ingredients on sack differ from license.
B—Acid Insoluble Ash .73%.
C—Acid Insoluble Ash .84%.
D—Acid Insoluble Ash .29%
E— Protein & Fat guarantee & Ingredients on sack differ from license.
F—Protein & Fibre guarantee & Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Maritime Milling Co., Inc., Buffalo, N. Y. (Cont'd.)	Dollar Maker Egg Mash Vitamized with Cod Liver Oil & DBM
" "	Dollar Maker Egg Mash
" "	B. B. Laying Mash Vitamized with Cod Liver Oil, Milk Sugar Feed & DBM
" "	‡B. B. Broiler Ration Vitamized with Cod Liver Oil, Milk Sugar Feed & DBM
" "	B. B. Pig & Hog Meal, with Minerals
" "	B. B. Rabbit Feed Pellet Vitamized, with Cod Liver Oil & DBM
" "	B. B. Turkey Starting & Growing Feed Vitamized, with Cod Liver Oil
" "	
J. D. Earl Martin, Hagerstown, Md.	Reid Dairy Feed
Maryland Cereal Co., Baltimore, Md.	"American" Laying Mash, with BM
Maurer Manufacturing Co., Newark, N. J.	Kwality Meat & Bone Scrap
" "	Kwality Meat & Bone Scrap
" "	Kwality Meat & Bone Scrap
C. W. McFadden & Sons, Pylesville, Md.	Laying Mash
Mennel Milling Co., Toledo, Ohio	Memo Pure Soft Wheat Bran
" "	Memo Soft Wheat Flour Middlings
Merchants Creamery Co., Cinn., Ohio	‡Condensed Skim Milk
Henry Mesner & Son, Baltimore, Md.	E-Z-Fed Laying Mash, with BM., Cod Liver Oil & Minerals
" "	E-Z-Fed Growing Mash, with BM., Cod
" "	Liver Oil & Minerals
Leo H. Michael, Buckeystown, Md.	Michael's Laying Mash
Mt. Airy Milling Co., Mt. Airy, Md.	Husky Growing Mash
Mutual Rendering Co. Inc., Philadelphia, Pa.	*Mureco Meat Scrap
" "	*Mureco Meat Scrap
" "	Mureco Meat Scrap
" "	Mureco Meat Scrap
" "	Mureco Meat Scrap
" "	*Mureco Meat & Bone
" "	*Mureco Meat & Bone
" "	*Mureco Meat & Bone
" "	Mureco Meat & Bone
" "	Mureco Meat & Bone
" "	Mureco Meat & Bone
" "	*Mureco Meat & Bone
" "	Mureco Meat & Bone

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
White Hall...	8.81	17.00	18.87	3.50	5.09	9.00	7.58	12.06	47.59	As declared on sack
White Hall...	8.96	17.00	17.72	3.50	5.16	9.00	7.32	10.82	50.02	" "
Baltimore....	8.35	20.00	21.24	4.50	7.11	7.00	6.96	10.72	45.62	" "
Baltimore....	9.47	17.00	19.31	4.00	6.89	6.00	4.47	7.23	52.63	" "
Baltimore....	9.47	18.00	18.08	4.00	4.66	8.00	5.52	8.46	53.81	" "
Baltimore....	8.81	12.00	15.53	2.50	3.68	12.00	6.57	7.42	57.99	" "
Federalsburg.	7.73	20.00	20.01	4.00	5.66	7.00	5.68	8.43	52.49	" "
Hagerstown..	11.09	16.00	17.94	3.00	4.17	12.00	11.55	6.07	49.18	A.
Baltimore....	8.91	20.00	20.71	4.00	5.98	9.00	4.42	7.61	52.37	As declared on sack
Berlin.....	6.23	50.00	50.46	6.00	12.13	3.00	2.37	27.30	1.51	" "
Mardela Sp'gs	6.15	50.00	54.58	10.00	10.74	3.00	3.38	24.84	.31	" " B.
Berlin.....	5.40	50.00	50.55	6.00	6.14	3.00	2.78	29.17	5.96	" "
Pylesville....	8.69	20.00	20.71	5.00	4.71	6.00	6.17	12.77	46.95	" "
Baltimore...	9.85	15.00	16.23	4.00	4.18	9.50	9.36	5.64	54.74	" "
Baltimore....	7.75	15.00	17.29	4.00	3.77	6.50	4.64	3.17	63.38	" "
Baltimore....	....	10.00	13.47	.50	x.59	....	C.	....	....	" "
Baltimore....	8.04	20.00	21.67	4.00	6.27	7.00	6.43	11.20	46.39	" "
Baltimore...	9.06	16.00	17.90	4.50	5.52	6.50	7.12	8.46	51.94	" "
Buckeystown.	7.32	18.00	20.88	5.00	4.78	12.00	7.50	8.28	51.24	" "
Mt.Airy.....	7.57	18.00	18.95	4.00	4.78	7.00	6.09	9.58	53.03	" "
Baltimore....	6.34	55.00	52.33	6.00	9.86	2.00	2.03	20.54	8.90	D.
Baltimore....	6.49	55.00	51.86	6.00	10.48	2.00	1.99	28.89	.29	D.
Cambridge...	6.62	55.00	54.41	6.00	12.05	2.00	1.87	23.66	1.39	As declared on sack
P'c'moke City	6.49	55.00	54.67	6.00	11.87	2.00	2.35	24.19	.43	" "
Denton.....	5.33	55.00	54.93	6.00	11.52	2.00	2.50	25.30	.42	" "
Frederick....	6.99	50.00	45.76	6.00	10.23	2.00	1.83	24.70	10.49	" "
Baltimore....	6.51	50.00	48.18	6.00	10.17	2.00	1.88	34.20	....	" "
Cambridge...	7.31	50.00	47.74	6.00	11.02	2.00	2.36	30.79	.78	" "
P'c'moke City	6.43	50.00	49.32	6.00	11.52	2.00	2.51	29.92	.30	" "
P'c'moke City	6.70	50.00	50.90	6.00	12.19	2.00	2.54	27.53	.14	" "
P'c'moke City	5.45	50.00	50.28	6.00	11.49	2.00	2.45	28.68	1.65	" "
P'c'moke City	6.11	50.00	48.09	6.00	11.31	2.00	1.99	32.24	.26	" "
Baltimore....	5.97	45.00	45.02	6.00	11.78	2.00	1.78	35.29	.16	" "

A—Also detected a large amount Whole Weed Seeds.
B—Fat guarantee on sack differs from license.
C—Total Solids 28.06%.
D—Should be designated as Meat & Bone Scrap.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Mutual Rendering Co., Inc., Phila., Pa.	Mureco Meat & Bone
" "	Mureco Meat & Bone
" "	Mureco Meat & Bone
" "	Mureco Steamed Bone Meal
Nashville Buttermilk Co, Nashville, Tenn.	Condensed Buttermilk
National Mineral Prod., Co., Ltd., San Francisco, Calif.	California Alfalfa Leaf Meal "Alfaleaf"
" "	*‡California Alfalfa Leaf Meal "Alfaleaf"
" "	California Alfalfa Leaf Meal "Alfaleaf"
" "	California Alfalfa Leaf Meal "Alfaleaf"
" "	*‡California Alfalfa Leaf Meal "Alfaleaf"
" "	California Fine Ground Alfalfa Meal
" "	‡California Fine Ground Alfalfa Meal
" "	‡California Alfalfa Stem Meal "Stemalfa"
" "	‡California Choice Fine Ground Alfalfa Meal Rabbit Meal
" "	‡California Choice Fine Ground Alfalfa Meal Rabbit Feed
Neumond Co. St. Louis, Mo.	"Neumond" Dried Brewers Grains
O. A. Newton & Son Co., Bridgeville, Del.	"Cedar View" Laying Mash
" "	"Cedar View" All-Mash Chick Starter
" "	"Cedar View" Special Turkey Starter
" "	"Cedar View" Turkey Mash
Norton & Co., Washington, D. C.	Bone & Meat Scrap
Nowak Milling Corp., Hammond, Ind.	†Cream-O-Lene Dairy Feed
" "	Domino Butterine Dairy Feed
" "	Union Dairy Feed
" "	Domino Egg Pel-ets
" "	Domino Growing Pel-ets
" "	‡Export Scratch Feed
" "	Domino Goat-ets
" "	‡Domino Goat-ets
Geo. F. Obrecht, Inc., Baltimore, Md.	Obrecht's 20% Dairy Feed
" "	*Obrecht's 20% Dairy Feed
" "	*Obrecht's 20% Dairy Feed
" "	Obrecht's Laying Mash
P. Frederick Obrecht & Son, Balto., Md.	‡Rich Brand 24% Dairy Ration
" " "	*‡Rich Brand 20% Dairy Ration
" " "	‡Rich 16½% Dairy
" " "	PFO Growing Mash
" " "	‡Argentine Wheat Bran, with Ground Screenings N.Ex.M.R.

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Means deficient in both protein & fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS	
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
P'c'moke City	6.18	45.00	45.81	6.00	11.55	2.00	2.23	34.00	.23	As declared on sack	
Cambridge...	5.34	45.00	44.93	6.00	11.41	2.00	1.79	36.33	.20	"	"
Denton.....	6.21	45.00	45.19	6.00	12.04	2.00	2.18	34.02	.36	"	"
Cambridge...	3.00	5.00	5.27	2.00	2.02	2.00	2.34	89.18	.....	"	"
Mt. Airy....	.....	10.00	11.41	2.00	x2.59	A.	B.	.....	.....	"	"
Baltimore....	7.45	20.00	19.04	1.50	1.66	18.00	20.35	12.32	39 18	"	"
Prin.'s Anne.	7.21	20.00	18.66	1.50	3.52	18.00	24.15	10.54	35.92	"	"
Baltimore....	8.67	20.00	23.74	1.50	2.18	18.00	16.45	9.70	39.26	"	"
Baltimore....	7.26	20.00	20.01	1.50	2.23	18.00	23.21	9.50	37.79	"	"
Baltimore....	7.42	20.00	18 43	1.50	3.91	18.00	23.58	9.76	36.90	"	"
Salisbury....	7.91	14.00	13.95	1.50	1.53	30.00	33.20	7.11	36.30	"	"
Baltimore....	8.38	14.00	13.69	1.50	2.27	30 00	35.92	6.14	33.60	"	"
Baltimore....	7.40	10.00	12.90	.80	1.35	40.00	36.61	8.22	33.52	"	"
Baltimore....	8.47	15.00	14.53	1.50	1.73	28.00	33.72	7.86	33.69	C.	
Baltimore....	9.86	15.00	16.94	1.50	2.82	28.00	27.77	9.03	33.58	As declared on sack	
Derwood.....	7.06	22.00	26.41	6.00	6.38	15.00	15.15	3.38	41.62	"	" D.
Hurlock.....	8.80	18.00	18.78	4.00	5.13	7.50	6.68	10.25	50.36	"	"
Hurlock.....	9.51	15.00	16.94	3.00	4.42	5.00	3.85	8.62	56.66	"	"
	8.61	18.00	22 11	3.00	5.26	9.00	8.92	10.25	44.85	"	"
	8.02	19.00	22.46	4.00	6.28	9.00	7.65	11.10	44.49	"	"
Derwood.....	6.19	50.00	49.32	8.00	9.61	2.00	2.28	30.50	2.10	"	"
Harmony Gr..	7.54	24.00	22.91	4.50	3.56	12.00	10.15	13.70	42.14	"	"
Harmony Gr..	10.98	17.00	17.02	4.00	3.77	12.00	11.21	14.48	42.54	"	"
Harmony Gr..	10.22	16.00	15.35	3.00	3.24	16.00	11.13	12.99	47.07	"	"
Harmony Gr..	11.14	20.00	20 62	4.50	6.17	7.50	5.58	8.56	47.93	"	"
Harmony Gr..	7.87	15.00	17.90	4.50	5.65	5.50	5.70	7.75	55.13	"	"
Harmony Gr..	10.51	9.00	10.62	2.00	2.37	5.00	2.49	1.04	72.97	"	"
Baltimore....	10.84	16.00	17.64	3.50	3.89	8.00	8.39	6.60	52.64	"	"
Harmony Gr..	8.75	16.00	17.72	3.50	4.12	8.00	8.54	7.20	53.67	"	"
Baltimore....	8.67	20.00	21.59	4.50	4.67	12.00	10.40	9.54	45.13	E.	
Towson.....	8.47	20.00	17.81	4.50	4.38	12.00	9.88	5.84	53.62	F.	
Baltimore....	10.63	20.00	17 27	4.50	4.09	12.00	8.46	5.25	54.30	G.	
Baltimore....	8.10	20.00	20.36	4.00	5.77	9.00	6.38	12.10	47.29	E.	
White Hall...	7.34	24.00	24.00	6.00	7.22	12.00	10.31	5.00	46.13	As declared on sack	
Jarrettsville.	10.71	20.00	17.35	5.00	4.75	12.00	10.98	6.45	49.76	"	"
Jarrettsville.	10.88	16.50	16.57	5.00	5.43	14.00	11.73	4.89	50.50	"	"
Baltimore....	8.92	18.00	18.69	3.50	5.68	8.00	6.87	8.07	51.77	"	"
										"	"
Linwood.....	7.75	13.00	16.67	4.00	4.31	13.00	11.76	6.92	52.59	"	"

A—Total Solids 27%.
B—Total Solids 26.12%.
C—Product consists of Alfalfa Stems & Leaves very coarsely ground.
D—Protein Fat & Fibre guarantee on sack differ from license.
E—Ingredients on sack differ from license.
F—Ingredients on sack differ from license. Also detected Whole Weed Seeds & Weed Seed Coats.
G—Unable to detect Soy Bean Oil Meal—also detected Whole Weed Seeds & Weed Seed Coats.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Ogilvie Flour Mills Co., Limited, Montreal, Canada	‡Ogilvie's Wheat Bran
Owings Brothers, Philadelphia, Pa.	June Bug 22% Dairy Ration
" "	16% Dairy Feed
" "	June Bug Laying Mash
" "	June Bug Growing Mash, with BM
" "	*‡Pure Wheat Middlings
" "	June Bug Baby Chick Starter
" "	June Bug Turkey Growing Mash, with Oil
Park & Pollard Co., Buffalo, N. Y.	Manamar 24% Dairy Ration
" "	‡Manamar Doublex 20% Dairy Ration
Pecos Valley Alfalfa Mill Co., Hagerman, N. M.	Peevee Alfalfa Leaf Meal
Penick & Ford Ltd. Inc., Cedar Rapids, Iowa	Douglas Corn Gluten Meal
" "	Douglas Corn Gluten Feed
Pillsbury Flour Mills Co., Minn., Minn.	Pillsbury's Hard Wheat Bran & Screenings
" "	Pillsbury's Hard Wheat Standard B. Middlings & Screenings
Maurice Pincoffs Co., Houston, Texas	41% Protein Cotton Seed Meal
Pittsburgh Melting Co, Pittsburgh, Pa.	Steel City Meat & Bone Scrap
Planters Edible Oil Co., Suffolk, Va.	Planters' "41" Peanut Meal
" "	Planters' "41" Peanut Meal
Potomac Mills, Hancock, Md.	‡Pure Wheat Bran
" "	*‡Pure Wheat Middlings
Pratt Food Co., Hammond, Ind.	Pratts B-P Dairy Feed
" "	Pratts Laying Mash, with BM
" "	‡Pratts All Mash Laying Ration, withBM
" "	Pratts Broiler Mash, with BM
" "	‡Utility All Mash Starter & Grower, with BM
" "	‡Sugared Oat Feed
" "	Pratts Utility Horse Feed
" "	Pratts Utility Horse Feed
" "	Pratts Calf Meal, with BM
" "	‡Pratts Pig Meal
" "	*‡Pratts Sugared Hog Feed
" "	‡Pratts Turkey Growing & Finishing Mash, with BM
" "	Pratts Complete Rabbit Pellets
" "	Pratts Rabbit Feed, withBM. (Pellet Form)

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS	
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
Baltimore....	10.45	15.00	16.67	3.50	5.61	11.50	10.49	9.28	47.50	As declared on sack	
Parkton.....	7.35	22.00	25.27	4.00	4.35	11.00	11.37	6.95	44.71	"	"
Baltimore....	9.88	16.00	18.07	3.00	3.62	12.00	10.74	9.90	47.79	"	"
Baltimore....	8.38	20.00	20 45	4.00	5.57	9.00	7.39	15.78	42.43	"	"
Jarrettsville..	8.49	17.50	21.06	4.50	5.83	7.00	5.15	9.22	50.25	"	"
Hampstead...	10.16	15.00	15.36	4.00	3.46	6.46	4.86	3.68	62.48	"	"
Jarrettsville.	9.12	14.00	16.50	4.00	6.10	4.00	3.77	5.28	59.23	"	"
Jarrettsville.	8.61	16.00	18.60	3.00	5.94	5.00	4.62	8.54	53.69	"	"
Prin.'s Anne.	9.67	24.00	24.48	4.50	4.50	11.00	8.61	7.49	45.25	"	"
Prin.'s Anne..	10 58	20.00	20.39	4.00	4.83	10.00	8.00	8.44	47.76	"	"
St. Michaels..	7.34	20.00	20.01	2.50	2.34	18.00	18.87	11.64	39.80	"	"
Middleburg..	8 99	43.00	42 21	1.00	1.81	4.00	4.41	3.90	38.68	"	"
Frederick....	9.52	25.00	26.59	1.50	1.98	8.50	7.95	7.60	46.36	"	"
Aberdeen....	9.13	14.00	17.29	4.00	5.28	12.00	10.75	7.06	50.49	"	"
Linwood.....	9.72	15.00	16.85	4.00	5.38	9.50	8.54	5.36	54.15	"	"
Taneytown...	7.82	41.00	43.44	5.00	6.71	14.00	10.93	5.84	25.26	"	"
Grantsville..	6.53	50.00	50.02	5.00	11.15	3.00	2.06	29.21	1.03	"	"
Baltimore....	8.96	41.00	42.12	6.00	8.20	10.00	5.57	6.48	28.67	"	"
Cardiff.....	6.69	41.00	41.16	6.00	7.99	10.00	6.67	7.30	30.19	"	"
Hancock.....	10.84	14.00	16 67	3.50	4.05	10.00	6.09	5.36	56.99	"	"
Hancock.....	11.56	14.00	14.13	3.50	2.28	6.00	2.01	.90	69.12	"	"
Frederick....	8.00	21.00	22.09	4.00	4.41	10.00	7.83	8.31	49.36	"	"
Baltimore....	9.32	20.00	21.32	4 50	5.98	6.75	5.71	10.00	47.67	"	"
St. Michaels	9.14	16.50	18 16	4.50	4.56	7.00	6.79	10.70	50.65	"	"
Baltimore....	10.35	16.50	19.57	4.50	4.66	6.00	4.87	9.23	51.32	"	"
Oakland.....	8.80	16.50	16.58	4.50	4.93	6.50	5.54	8.00	56.15	"	"
Sudlersville..	10.20	4.50	5.89	1.50	1.52	28.00	24.10	7.85	50.44	"	"
Westminster.	8.20	7.50	9 95	2.00	3.05	11.00	11.19	4.58	63.03	"	"
St. Michaels	8.12	7.50	8.75	2.00	2.34	11.00	10.23	5.28	65.28	"	"
Baltimore....	7.70	24.50	26.41	4.00	3.89	4.00	3.50	8.47	50.03	"	"
Oakland.....	8.95	20.00	21.94	4.00	4.18	7.00	8.49	7.27	49.17	"	"
Oakland.....	7.44	17.00	19 93	4.50	3.97	10.00	7.84	12.62	48.20	"	"
Centreville...	8.93	21.00	21.76	5.00	5.72	7.00	8.91	9.76	44.92	"	"
Baltimore....	8.35	14.00	15.27	2.00	3.05	20.00	16.69	9.52	47.12	"	"
Baltimore....	8.86	14.00	16.15	3.00	4.42	10.00	7.22	7.56	55.79	"	"

MANUFACTURER AND ADDRESS	NAME OF FEED
Procter & Gamble Dist. Co., Cinn., Ohio	P. & G. Cocoanut Oil Meal
" "	P. & G. Cocoanut Oil Meal
Quaker City Flour Mills Co., Phila., Pa.	Winter Wheat Bran, with Ground Screen. N.Ex.M.R.
" " "	
" " "	Winter Wheat Middlings, with Ground Screen. N.Ex.M.R.
Quaker Oats Co., Chicago, Ill.	Quaker 16% Protein Dairy Ration
" "	Quaker Ful-O-Pep Egg Mash
" "	Quaker Ful-O-Pep Egg Mash
" "	Quaker Ful-O-Pep Growing Mash
" "	Quaker Ful-O-Pep Growing Mash
" "	Yellow Hominy Feed
" "	Early Bird Fine Chick Feed No Grit
" "	Quaker Ful-O-Pep Turkey Starter
L. C. Quinn Co., Crisfield, Md.	*Feeding Crab Meal
Ralston Purina Co., St. Louis Mo.	Purina Red Checker Cow Chow
" "	‡Purina 32% Chowder
" "	Purina Green Checker Cow Chow (24%)
" "	Purina Green Checker Cow Chow (24%)
" "	Protena 20% Dairy Feed
" "	Protena 16% Dairy Feed (Buffalo Mill)
" "	Purina Body Cow Chow
" "	Purina Bulky Las Chow (Buffalo Mill)
" "	Purina Egg Chowder
" "	Purina Egg Chowder with Cod Liver Oil)
" "	Purina Lay Chow (with Cod Liver Oil & DBM.)
" "	Purina Lay Chow
" "	Purina Layena (Complete-All Mash)
" "	‡Purina Steer Fatena
" "	Purina Pig & Hog Chow
" "	Purina Heifer Growing Chow
" "	Purina Calf Starting Chow
" "	Purina Chick Growena (Complete-All Mash)
" "	Purina Turkey Startena
" "	Purina Turkey Startena
" "	Purina Rabbit Chow (Complete Ration)
Red Wing Milling Co., Red Wing, Minn.	Red Wing Special Standard Wheat Middlings
" "	Red Wing Special Wheat Flour Middlings
A. F. Rees, Hanover, Pa.	Rees' Meat Scrap
Reindollar Co., Taneytown, Md.	20% Dairy Ration
" "	16% Sweet Dairy Feed

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore....	8.14	20.00	20.62	5.00	8.19	11.00	10.70	6.39	45.96	As declared on sack
Hagerstown..	5.80	20.00	21.59	5.00	7.45	11.00	11.14	6.64	47.38	" "
P'c'moke City	11.75	13.00	14.74	3.00	4.24	10.50	9.02	6.56	53.69	" "
Prin.'s Anne..	11.15	14.00	17.02	4.00	4.71	5.50	4.01	3.37	59.74	" "
Glyndon.....	7.21	16.00	17.43	3.50	3.84	13.50	11.10	7.64	52.78	" "
Owings Mills.	7.80	20.00	21.31	4.50	5.82	8.00	6.97	8.28	49.82	" "
Baltimore....	8.01	20.00	20.56	4.50	7.03	8.00	7.39	7.72	49.29	" "
Owings Mills.	7.50	19.00	19.75	5.00	5.70	6.00	6.66	6.93	53.46	" "
Mt.Lake Park	9.17	19.00	19 05	5.00	6.48	6.00	5.17	6.74	53.39	" "
Cambridge...	7.34	10.00	10.00	5.00	7.07	5.00	5.54	3.52	66.53	" "
Baltimore....	8.15	10.00	9.83	2.00	2.20	2.00	1.30	1.18	77.34	" "
Baltimore....	8.25	26.00	26.72	5.00	6.39	7.00	5.09	9.37	44.18	" "
P'c'moke City	3.77	29.00	25.45	1.50	1.47	10.00	13.03	54.20	2.08	" "
Walkersville.	9.32	34.00	34.96	3.00	5.16	12.00	8.74	7.70	34.12	" "
Thurmont....	6.86	32.00	33.35	3.00	5.06	9.00	8.46	15.86	30.41	" "
Fullerton....	8.01	24.00	25.14	3.00	4.05	12.00	10.23	7.18	45.39	" "
Myersville...	8.17	24.00	25 27	3.00	4.07	12.00	9.36	8.38	44.75	" "
Rising Sun..	10.49	20.00	20.80	3.00	3.41	12.00	6.72	6.14	52.44	" "
Walkersville.	8.56	16.00	20.14	3.00	4.26	14.00	9.71	7.80	49.53	A.
Frederick....	9.15	16.00	18.08	3.00	3.88	12.00	8.64	9.82	50.43	A.
Rising Sun..	9.40	9.00	12 09	1.30	2.97	15.00	12.94	9.52	53.08	As declared on sack
Myersville..	7.93	19.00	21.24	3.50	5.11	8.00	7.06	11.39	47.27	" "
Lewistown...	8.60	19.00	20.36	3.50	5.84	8.00	7.41	11.39	46.40	" "
Myersville..	8.70	19.00	20.61	3.50	6.23	8.00	6.02	11.76	46.68	" "
Baltimore....	8.53	19.00	20 04	3.50	5.11	8.00	6.20	10.05	50.07	" "
Frederick....	8.30	15.50	16.50	3.50	4.68	8.00	4.81	8.29	57.42	" "
Frederick....	11.01	12.00	14.54	2.00	2.24	10.00	7.40	8.18	56.63	" "
Annapolis....	8.01	36.00	37.27	3.00	5.48	14.00	9.99	12.25	27.00	" "
Hagerstown..	9.83	14.00	15 98	2.50	4.19	14.00	11.48	6.59	51.93	" "
Riderwood...	8.00	23.00	23.99	3.20	3.87	7.00	5.20	8.50	50 44	" "
Hagerstown..	8.99	15.00	16.67	3.50	4.88	7.00	6.21	6.04	57.21	" "
Annapolis...	8.99	26.00	27.47	4.50	5.94	6.00	4.09	7.76	45.75	" "
Hancock	8.47	26.00	27.73	4.50	7.23	6.00	4.34	8.61	43.62	" "
Baltimore....	9.68	13.50	16.05	2.50	2.93	16.00	9.40	5.40	56.54	" "
Clinton.....	9.90	15.00	18.08	5.10	5.51	9.50	7.81	4.12	54.58	" "
Clinton.....	10.39	16.50	18.08	4.00	4.46	6.00	4.90	3.78	58.39	" "
Taneytown...	6.19	50.00	53 35	10.00	13.43	2.25	1.31	25.00	.72	" "
Taneytown...	7.69	20.00	22.64	4.00	4.27	12.50	8.59	8.28	48.53	" "
Taneytown...	10.62	16.00	16.56	3.00	3.16	11.00	11.87	7.29	50.50	" "

A—Also detected Beet Pulp.

MANUFACTURER AND ADDRESS	NAME OF FEED
Reindollar Co., Taneytown, Md. (Cont'd.)	Egg Mash
" "	Pig & Hog Meal
Richards Milling Co., Cortland, Ohio	*Richards' Cash Dairy Feed
" "	Richards' 16% Dairy Feed
" "	Richards' Mixed Grains For Poultry
Richardson Bros., Westminster, Md.	Richbro Walck Laying Mash
" "	Richbro Growing Mash
" "	Richbro Hog & Pig Meal
Daniel Rider Inc., Baltimore, Md.	Winner 20% Dairy Feed
" "	Winner 20% Dairy Feed
" "	Winner 16% Dairy Feed
Rinaman & Brown, Hampstead, Md.	†Brown's Egg Mash
Robin Hood Mills Ltd., Moose Jaw, Canada	‡Superior Wheat Bran
Robinson & Jackson, Baltimore, Md.	Rob-Jack Brand Rye Distillers Grains
Robinson Bros., Cardiff, Md.	*Robinson's 32% Dairy Feed
" "	*Robinson's 24% Dairy Feed
" "	*Robinson's 20% Dairy Feed
" "	*Robinson's Laying Mash
Ronck & Bevis Co., Philadelphia, Pa.	Ro-Be Fish Meal
" "	Ro-Be Fish Meal
C. E. Routzahn Co., Breathedsville, Md.	Dairy Feed
" "	Hog Feed
F. S. Royster Guano Co., Baltimore, Md.	‡Royster's Fish Meal
Russell-Miller Milling Co., Minneapolis, Minn	Hard Wheat Occident Bran
St. Michaels Milling Co., St. Michaels, Md.	Quillins Turkey Growing Mash
San Francisco Milling Co., San Francisco, California	‡Supremo Rabbit Mashette
Wm. Schluderberg-T. J. Kurdle Co., Balto., Md.	Esskay Quality Soluble Blood
" " "	Esskay Quality Meat & Bone Scrap
" " "	Esskay Quality Meat & Bone Scrap
" " "	Esskay Quality Meat & Bone Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat & Bone Scrap
" " "	Esskay Quality Meat & Bone Scrap
" " "	Esskay Quality Meat & Bone Scrap
" " "	*‡Esskay Quality Beef Cracklings

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Taneytown...	7.63	20.00	21.94	4.00	5.92	8.00	6.43	13.06	45.02	As declared on sack
Taneytown...	8.79	16.50	17.99	4.50	4.89	7.00	5.72	10.34	52.27	" "
Baltimore....	9.09	24.00	24.00	4.50	3.67	10.00	9.50	5.30	48.44	A.
Cumberland..	8.01	16.00	16.98	4.00	3.66	12.00	10.84	6.12	54.39	As declared on sack
Baltimore...	10.49	9.00	9.92	2.50	3.81	6.00	2.71	1.50	71.57	A.
Westminster.	7.39	20.00	21.59	5.00	5.59	8.00	6.94	9.25	49.24	As declared on sack
Westminster.	9.06	16.00	17.99	4.50	4.23	4.50	3.83	5.65	59.24	" "
Westminster.	9.27	15.00	16.67	5.00	4.53	7.00	5.89	6.32	57.32	A.
Baltimore....	8.50	20.00	19.25	4.00	3.96	11.00	8.22	6.82	53.25	A.
Baltimore...	9.05	20.00	20.02	4.00	4.11	11.00	7.98	7.03	51.81	A.
Baltimore...	8.58	16.00	16.53	3.00	3.37	11.00	10.35	7.29	53.88	A.
Hampstead...	8.76	20.00	18.43	4.50	3.92	8.00	7.11	6.40	55.38	As declared on sack
Derwood.....	8.04	15.00	18.78	3.50	5.34	11.50	9.56	5.13	53.15	" "
Darlington...	7.63	16.00	18.95	5.00	4.95	20.00	22.63	3.42	42.42	" "
Darlington...	10.73	32.00	29.40	5.00	4.86	9.50	8.93	8.02	38.06	" "
Darlington...	8.82	24.00	22.96	5.00	4.53	10.00	10.35	8.12	45.22	" "
Darlington...	9.10	20.00	19.20	4.50	3.71	10.00	10.50	7.61	49.88	" "
Cardiff.....	9.62	20.00	19.16	4.75	3.98	10.00	6.80	10.83	49.61	" "
Federalsburg	8.42	55.00	61.43	5.00	5.60	3.00	1.20	22.65	.70	" " B.
Federalsburg.	7.41	55.00	60.55	5.00	4.51	3.00	.63	22.90	4.00	" " B.
Breath'sville.	8.84	16.00	16.85	4.00	5.35	7.50	6.39	4.66	57.91	C.
Breath'sville.	9.80	16.00	17.02	4.00	4.43	7.50	4.26	7.22	57.27	D.
Bel Air.....	7.52	58.00	60.90	4.00	5.98	2.00	1.66	19.25	4.69	As declared on sack
Baltimore....	8.38	14.00	18.78	4.00	6.05	11.50	9.87	6.48	50.44	" "
St. Michaels..	9.08	21.00	21.94	4.50	5.76	7.00	6.21	11.37	45.64	" "
Baltimore....	9.23	13.00	13.16	3.00	3.81	20.00	15.65	7.33	50.82	" "
Baltimore....	5.51	83.00	87.72	.50	.89	5.00	3.67	3.70	1.51	" "
Overlea.....	5.70	55.00	56.95	6.00	9.35	5.00	1.95	25.87	.18	" "
Cambridge...	5.95	55.00	57.83	6.00	8.80	5.00	1.87	25.40	.15	" "
White Hall...	5.52	50.00	51.25	6.00	8.79	5.00	2.06	31.78	.60	" "
Keymar.....	5.62	50.00	50.02	6.00	10.09	5.00	2.07	30.65	1.55	" "
Baltimore....	6.06	50.00	50.37	6.00	10.80	5.00	2.41	29.06	1.30	E.
Cambridge...	5.12	50.00	50.46	6.00	10.30	5.00	1.97	29.92	2.23	As declared on sack
Cambridge...	5.72	45.00	46.33	6.00	7.96	5.00	1.87	37.85	.27	" "
Taneytown...	5.67	45.00	46.16	6.00	9.14	5.00	1.91	36.54	.58	" "
Salisbury....	8.44	72.00	80.56	10.00	7.41	5.00	5.06	4.66	.....	" "

A—Ingredients on sack differ from license.
B—Fibre guarantee on sack differs from license.
C—Fat & Fibre guarantee & Ingredients on sack differ from license.
D—Protein & Fibre guarantee & Ingredients on sack differ from license.
E—Should be designated as Meat & Bone Scrap.

MANUFACTURER AND ADDRESS	NAME OF FEED
Wm. Schluderberg-T. J. Kurdle Co., Balto., Md. (Cont'd.)	*Esskay Quality Digester Tankage
" " "	*Esskay Quality Digester Meat Meal
	*Esskay Quality Digester Meat Meal
Charles H. Seward, Raspeburg, Md.	Golden Glow Laying Mash
" "	‡Golden Glow Growing Mash
" "	Golden Glow Growing Mash
Shenandoah Milling Co., Inc., Shenandoah, Va.	*Blue Bird Feed
" " "	‡Red Dog
Sherwin Williams Co., Cleveland, Ohio	Pure Old Process 34% Linseed Meal
M. L. Shoemaker & Co., Inc., Phila., Pa.	Pure Ground Fish Meal
" " "	55% Ground Beef Scrap for Poultry
" " "	*50% Ground Meat & Bone Scrap for Poultry
" " "	*50% Ground Meat & Bone Scrap for Poultry
" " "	50% Ground Meat & Bone Scrap for Poultry
" " "	45% Ground Meat & Bone Scrap for Poultry
" " "	Special Prepared Feeding Bone Meal
Southern States Cooperative Mills, Inc., Baltimore, Md.	32% Supplemental Dairy Feed
" " " "	32% Supplemental Dairy Feed
" " " "	Milkmaker
" " " "	20% Emergency Dairy
" " " "	Exchange Dairy
" " " "	18% Emergency Dairy
" " " "	Legume Dairy
" " " "	16% Emergency Dairy
" " " "	Laying Mash, with Alfalfa Meal
" " " "	Laying Mash, with Alfalfa Meal
" " " "	Laying Mash, with Alfalfa Meal
" " " "	Market Laying Mash
" " " "	Market Laying Mash
" " " "	Super Laying Mash
" " " "	Supre Laying & Breeding Mash
" " " "	Growing Mash
" " " "	Emergency Horse Feed
" " " "	Calf Meal
Spencer Kellogg & Sons Inc., Buffalo, N. Y.	Kellog's 34% Protein Pure Old Process Linseed Meal
" " "	Kellog's 32% Protein Pure Old Process Linseed Meal
" " "	Kellog's 32% Protein Pure Old Process Linseed Meal
" " "	Diamond K. Linseed Meal, with Flaxseed Screen. Oil Feed 30% Protein
Sperry Flour Co., San Francisco, Calif.	Pacific Wheat Mixed Feed

‡ Not Licensed at time of Sale.
* Means Deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Linwood.....	5.64	60.00	60.38	8.00	7.27	5.00	1.84	23.90	.97	A.
Linwood.....	5.17	46.00	42.56	10.00	11.41	5.00	1.55	39.12	.19	A.
Medford.....	5.18	46.00	42.96	10.00	11.91	5.00	2.14	36.30	1.51	A.
Raspeburg...	8.86	20.00	20.80	5.00	4.94	7.00	5.69	11.18	48.53	As declared on sack
Raspeburg...	8.76	16.00	17.64	5.00	5.00	7.00	7.05	8.32	53.23	B.
Raspeburg...	8.20	16.00	16.67	5.00	4.80	7.00	6.68	8.72	54.93	As declared on sack
Jefferson.....	10.86	16.50	16.67	4.00	3.45	8.00	5.53	3.95	59.54	" "
Hancock.....	10.81	14.50	16.76	3.50	3.53	3.00	.90	1.82	66.18	" "
Wash. Grove.	8.74	34.00	37.21	4.50	6.09	9.00	7.74	5.34	34.88	" " C.
P'c'moke City	8.34	55.00	58.01	8.00	8.00	3.00	1.00	21.87	2.78	" "
Salisbury....	5.66	55.00	55.99	6.00	9.21	3.00	2.19	26.90	.05	" "
Berlin.....	5.70	50.00	48.79	6.00	9.77	3.00	1.29	33.17	1.28	" "
Berlin.....	6.00	50.00	47.74	6.00	12.11	3.00	2.23	31.73	.19	" "
Prin.'s Anne.	5.92	50.00	50.20	6.00	10.21	3.00	1.54	30.84	1.29	" "
Salisbury....	6.15	45.00	45.81	6.00	13.56	3.00	2.75	31.60	.13	" "
Prin.'s Anne.	4.62	6.00	8.51	1.00	.54	2.00	1.46	84.75	.12	" "
Baltimore....	8.00	32.00	32.16	4.00	3.97	8.50	7.45	6.62	41.80	D.
Brunswick...	8.45	32.00	32.88	4.00	4.38	8.50	7.87	6.84	39.58	D.
Adamstown..	8.70	24.00	24.27	4.00	4.90	8.50	8.80	6.80	46.53	D.
Aberdeen....	9.65	20.00	20.73	3.00	3.10	12.00	10.76	6.92	48.84	As declared on sack
Baltimore....	8.58	20.00	20.45	4.00	4.92	8.50	8.03	7.03	50.99	" "
Baltimore....	7.87	18.00	18.99	3.00	3.12	12.00	12.30	7.17	50.55	" "
Baltimore....	9.39	16.00	18.10	4.00	4.47	8.50	8.88	6.65	52.51	" "
Brunswick...	9.05	16.00	18.67	3.50	4.14	12.00	10.91	7.64	49.59	" "
Aberdeen....	9.11	20.00	20.80	4.00	5.07	7.00	5.63	11.50	47.89	D.
Brunswick...	8.87	20.00	20.01	4.00	4.54	7.00	5.38	11.20	50.00	D.
Baltimore....	8.84	20.00	20.62	4.00	5.06	7.00	5.61	10.28	49.59	D.
Baltimore....	8.64	19.00	21.15	4.00	4.46	7.50	5.75	9.27	50.73	D.
Walkersville.	8.01	19.00	20.80	4.00	5.35	7.50	6.30	10.46	49.08	D.
Baltimore....	8.72	19.50	19.92	4.00	4.82	7.00	4.39	9.20	52.95	As declared on sack
Baltimore....	8.43	19.50	20.01	4.00	4.75	7.00	4.97	9.92	51.92	" "
Baltimore....	8.13	17.50	18.78	4.00	4.99	6.50	4.64	5.98	57.48	" "
Denton.....	10.39	9.00	10.12	2.00	2.90	12.00	8.27	4.93	63.39	" "
Baltimore....	10.08	19.00	20.36	4.00	3.54	3.50	3.44	4.51	58.07	" "
Frederick....	10.35	34.00	34.66	4.50	5.02	9.00	8.78	4.50	36.69	" " E.
Westminster.	8.16	32.00	34.40	4.50	6.50	9.00	8.43	5.99	36.52	" " F.
Frederick....	9.54	32.00	34.40	4.50	4.94	9.00	8.52	5.12	37.48	" " G.
Wash. Grove.	8.08	30.00	30.89	4.50	6.08	10.00	9.92	7.07	37.96	" " H.
Baltimore....	8.49	12.00	15.45	4.00	4.37	9.50	9.78	5.62	56.29	" "

A—Also detected a large amount of Vegetable Fibrous Material.
B—Also detected Corn Gluten Feed.
C—Acid Soluble .06%.
D—Ingredients on sack differ from license.
E—Acid Insoluble Ash .16%.
F—Acid Insoluble Ash .80%.
G—Acid Insoluble Ash .11%.
H—Acid Insoluble Ash 1.88%

MANUFACTURER AND ADDRESS	NAME OF FEED
Springfield Milling Co., Springfield, Minn.	White Swan Pure Wheat Bran
" "	‡White Swan Standard Wheat Bran, with Ground Screen. N.Ex.M.R.
A. E. Staley Mfg. Co., Decatur, Ill.	Staley's Soybean Oil Meal
John T. Stanley Co., Inc., New York, N. Y.	Stanley's 45% Meat & Bone Scrap
Star Food & Remedy Co. Inc. Alexandria, Va.	Star Golden Glow Dairy Ration
" " "	Star Laying Mash, with Milk
" " "	Star Growing Mash, with BM
" " "	Star Chic-A
E. Steen & Bro., Baltimore, Md.	Lady Maryland Dairy Feed
" " "	Lady Maryland Dairy Feed
" " "	Milk Producer Dairy Feed
" " "	Milk Producer Dairy Feed
" " "	Little Boy Blue Dairy Feed
" " "	Blue Bird Laying Mash
" " "	Golden Goose Laying Mash, with BM
" " "	Golden Goose Fancy Growing Mash, with BM
" " "	Sugar Boy Green Molasses "Horse Feed"
" " "	‡Sugar Boy Green Molasses "Horse Feed"
" " "	Arundel Hog Grower
" " "	‡Arundel Hog Grower
" " "	‡Sugared Grain Blowings
	Golden Goose Developer Scratch Grains
D. A. Stickell & Sons Inc., Hagerstown, Md.	‡Su-Pur Sweet 32% Mixing Ration
" " "	Stickell's Sweet 24% Milk Maker
" " "	Dairy Queen Sweet 20% Milk Maker
" " "	Zip Sweet 16% Dairy Feed
" " "	Zip Sweet 16% Dairy Feed
" " "	Blue Ridge Egg Mash
" " "	Su-Pur Growing Mash
" " "	‡Zip Growing Mash
" " "	‡Su-Pur Before & After Freshing Ration
" " "	‡Stickell's Poultry Fatner
" " "	Su-Pur Turkey Growing Mash
Chas. M. Struven Co., Baltimore, Md.	Stuven's Fish Meal
" "	Stuven's Fish Meal
" "	‡Stuven's Fish Meal
" "	Stuven's Fish Meal
" "	Stuven's Fish Meal
Suffolk Oil Mill Inc., Suffolk, Va.	Peanut Meal

‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Derwood.....	9.11	16.00	16.94	4.50	4.81	10.50	9.64	6.12	53.38	As declared on sack
Derwood.....	9.42	16.50	17.72	4.50	5.32	10.50	9.93	6.76	50.85	" "
Baltimore...	8.31	41.00	42.17	4.50	4.51	7.00	6.01	4.75	34.25	" "
Cumberland.	6.06	45.00	48.53	10.00	12.15	3.00	2.13	28.16	2.97	" "
Up. Marlboro.	7.87	22.00	24.31	4.50	4.98	12.00	9.00	4.78	49.06	" "
Bethesda.....	8.37	20.00	20.18	4.50	5.06	7.00	6.38	11.07	48.94	" "
Bethesda.....	9.18	16.00	17.81	4.00	4.39	7.00	5.97	8.01	54.64	A.
Bethesda.....	9.29	15.00	19.31	4.00	4.54	5.00	3.72	7.40	55.74	As declared on sack
Baltimore....	9.48	24.00	24.48	4.00	4.30	9.00	8.40	8.76	44.58	" "
Baltimore....	8.00	24.00	24.63	4.00	4.66	9.00	8.90	7.62	46.19	" "
Bel Air.....	8.15	20.00	20.60	3.50	3.80	12.00	8.87	8.88	49.70	" "
Baltimore....	8.69	20.00	20.78	3.50	3.85	12.00	8.00	8.23	50.45	" "
Baltimore....	8.85	16.00	17.97	3.50	3.37	13.00	9.41	8.41	51.99	B.
Baltimore....	8.67	18.00	18.87	4.00	6.00	10.00	6.22	9.76	50.48	As declared on sack
Baltimore....	8.62	20.00	20.27	4.00	6.21	9.00	5.21	10.25	49.44	" "
Baltimore....	8.80	18.00	18.08	4.00	4.03	8.50	5.44	10.06	53.59	" "
Baltimore....	9.03	7.00	10.23	1.00	4.94	16.00	7.39	3.37	65.04	" "
H'vredeGrace	10.82	7.00	10.65	1.00	5.39	16.00	7.14	3.66	62.34	" "
Baltimore....	8.99	16.50	18.87	4.50	5.12	7.00	6.76	6.22	54.04	" "
Baltimore....	8.76	16.50	17.72	4.50	4.38	7.00	7.61	5.97	55.56	" "
Bel Air.....	8.60	9.00	10.88	2.00	1.97	20.00	10.49	6.82	61.24	" "
Baltimore....	10.00	9.00	10.97	2.50	3.74	4.00	2.31	2.06	70.92	C.
Rising Sun..	8.51	32.00	32.34	4.50	4.99	10.00	8.36	8.53	37.27	As declared on sack
White Hall...	8.00	24.00	24.06	4.00	5.14	10.00	8.60	7.95	46.25	" "
Rising Sun..	10.23	20.00	20.88	3.50	4.50	10.00	6.50	7.33	50.56	" "
Hagerstown..	9.51	16.00	18.55	3.00	4.36	12.00	9.61	8.39	50.58	" "
White Hall...	9.85	16.00	17.62	3.00	4.13	12.00	9.48	7.39	51.53	D.
Alesia.....	7.95	20.00	22.21	5.00	5.67	6.00	5.72	9.63	48.82	As declared on sack
Hagerstown..	8.15	17.00	19.39	4.00	6.49	6.00	5.51	10.98	49.48	" "
Rising Sun..	9.58	15.00	16.41	4.00	4.61	6.00	5.61	8.08	55.71	" "
Rising Sun..	10.42	12.00	15.38	2.50	3.81	12.00	10.51	8.76	51.12	" "
White Hall...	8.16	12.00	15.09	4.50	6.28	4.00	5.61	7.26	57.60	" "
Hagerstown..	7.20	17.00	20.18	4.00	7.34	6.00	6.07	10.26	48.95	" "
Hagerstown..	6.41	55.00	56.67	4.00	8.73	2.00	.74	21.20	6.25	" "
Prin.'s Anne.	6.59	55.00	57.04	4.00	8.86	2.00	1.15	22.94	3.42	" "
Hagerstown..	6.65	55.00	57.22	4.00	9.37	2.00	.91	23.23	2.62	" "
Cambridge...	6.11	55.00	57.22	4.00	10.30	2.00	.62	19.67	6.08	" "
Frederick....	6.76	55.00	57.74	4.00	9.43	2.00	.63	20.26	5.18	" "
Wash. Grove.	6.20	41.00	40.10	6.00	7.10	8.00	7.90	7.77	30.93	" "

A— Ingredients on sack differ from license. Unable to detect Gluten Meal.
B—Fibre guarantee & Ingredients on sack differ from license.
C—Unable to detect Kaffir Corn or Milo.
D—Also detected Ground Corn, Corn Chaff, & Whole Oats.

MANUFACTURER AND ADDRESS	NAME OF FEED
Swift & Co., Chicago, Ill.	Swift's Fifty-Five Meat Scraps
" "	Swift's Meat & Bone Scraps
" "	Swift's Meat & Bone Scraps
" "	Swift's Meat & Bone Scraps
" "	Swift's Laymore Meat & Bone Scraps
" "	Swift's Laymore Meat & Bone Scraps
" "	Swift's Special Bone Meal
" "	Swift's Digester Tankage
Thomas & Co., Frederick, Md.	Excelsior Dairy Feed
" "	Economy Dairy Feed
" "	Solvita
" "	Gro-Quick
Three Minute Cereals Co., The Corno Mills Co., Prop., Cedar Rapids, Iowa	Red 3 Feeding Oatmeal
Transit Milling Co., Galveston, Texas	Texas Bull Brand Cottonseed Meal
" "	Texas Bull Brand Cottonseed Meal
Trappe Roller Mills, Trappe, Md.	‡Mill Feed
Trexler Farms, Allentown, Pa.	‡Buffalo Brand Dehydrated Alfalfa Meal
Jacob Trinley & Sons Inc., Linfield, Pa.	‡Real Intermediate Chick Feed
Ubiko Milling Co., Cincinnati, Ohio	*32% Sweet Union Grains Dairy Ration
" "	‡24% Dry Union Grains
" "	Sunbeam Dairy Ration
" "	Commercial Laying Mash
" "	‡Crusader Horse Feed
Urbana Mills Co., Urbana, Ohio	Urbana 20% Dairy Ration
" "	Urbana 20% Dairy Ration
" "	Urbana 16% Dairy Ration
" "	‡Purity Buttermilk Egg Mash
" "	*Urbana Egg Mash
" "	Urbana Egg Mash
" "	‡Purity All Mash Developer
" "	Purity All Grain Horse Feed
" "	*"Greenleaf" Alfalfa Leaf Meal
" "	Purity Intermediate Grains
" "	Urbana Scratch Grains
Van Iderstine Co., Long Island City, N. Y.	Vico High Protein Meat Scraps for Poultry
" "	Vico Quality Meat & Bone Scraps for Poultry
" "	Vico Quality Meat & Bone Scraps for Poultry
" "	Vico Quality Meat & Bone Scraps for Poultry

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Westminster.	6 24	55.00	55.81	6.00	10.68	3.00	2.78	23.85	.64	As declared on sack
Germantown.	6.22	50.00	50.02	6.00	10.86	3.00	2.25	30.40	.25	" "
Berlin.....	6.93	50.00	50.11	6.00	11.95	3.00	1.89	29.00	.12	" "
Hagerstown..	6.11	50.00	50.02	6.00	11.75	3.00	2.45	29.32	.35	" "
Denton.....	7.02	45.00	49.58	6.00	10.48	3.00	2.56	30.27	.09	" "
Federalsburg.	7.68	45.00	47.56	6.00	10.16	3.00	2.77	30.73	1.10	" "
Baltimore....	4.37	5.00	12.90	.....	1.62	3.00	1.45	78.14	1.52	" "
Hagerstown..	8.13	60.00	63.18	5.00	8.67	3.00	2.35	16.76	.91	" "
Gaithersburg.	7 50	24.00	26.32	5.00	4.87	9.00	8.08	6.60	46.63	" "
Gaithersburg.	8.00	20.00	19.92	4.50	6.59	9.00	8.05	6.20	51.24	" "
Gaithersburg.	8.44	18.00	19.57	4.50	4.31	5.00	6.90	8.44	52.34	A.
Gaithersburg.	7.90	18.00	19.39	4.50	4.74	9.00	7.40	9.98	50.59	As declared on sack
Baltimore....	8 26	14.50	17.20	5.00	5.31	3.70	3.20	3.35	62.68	" "
P'c'moke City	7.22	41.00	41.07	5.00	6.36	11.00	10.68	5.99	28 68	" "
Wash. Grove.	6.62	41.00	41.51	5.00	6.70	11.00	12.16	6.40	26.61	" "
Easton.....	11.81	10.00	11.06	2.50	2.68	3.00	2.99	1.80	69.66	" "
Elkton.....	6 67	13.00	15.62	2.00	2.00	32.00	31.34	8.83	35.54	" "
Baltimore....	9.90	10.00	10.88	3.00	3.72	4.00	2.44	1.40	71.66	" "
Walkersville.	9.48	32.00	29.59	4.00	4.72	10.00	9.03	8.83	38.35	" "
Sudlersville..	9.50	24.00	26.68	5.00	5.55	10.00	10.03	9.71	38 53	" "
Frederick....	9 12	24.00	24.31	3.50	3.41	12.00	8.83	10.08	44.25	" "
Frederick....	7.76	18.00	20.80	3.50	5.07	8.00	6.19	11.41	48 77	" "
Frederick....	9.98	9.00	11.23	3.00	3.43	10.00	6.58	3.30	65.48	" "
Lineboro.....	10 43	20.00	20.84	3.50	3 43	12.00	7.55	10.43	47.32	" "
Lineboro.....	8 35	20.00	19.54	3.50	3.64	12.00	6.36	8.74	53.37	" "
Lineboro.....	9.03	16.00	15.55	3.00	3.48	12.00	6.49	9.52	55.93	" "
Lineboro.....	7.37	20.00	19.49	4.50	4.70	5.00	4.71	10.00	53.73	" "
Lineboro.....	10 19	18.00	18.40	5.00	4.15	8.00	6.93	8.29	52.04	" "
Lineboro.....	7.68	18.00	17.67	5.00	4.51	8.00	7.78	8.31	54.05	" "
Lineboro.....	8.15	16.00	16.37	4.50	4.38	5.00	3.92	8.05	59.13	" "
Lineboro.....	9.44	9.00	10.63	2.50	3.07	8.00	5.80	4.18	66 88	" "
Derwood.....	9 78	20.00	16.85	2.50	2.45	18.00	22.16	7.68	41.08	" "
Lineboro.....	11.61	10.00	10.79	2.50	3.01	4.00	2.28	1.27	71.04	" "
Lineboro.....	10.75	9.00	10.62	2.50	2.89	4.00	2.65	1.53	71.56	" "
Westminster.	6.61	55.00	56.42	5.00	10.76	3.00	3.73	22.11	.37	" "
Frederick....	5 52	50.00	50.55	5.00	10.79	3.00	3.04	28.86	1.24	" "
Frederick....	5.67	50.00	51.16	5.00	11.78	3.00	3.41	25.14	2 84	" "
Detour.....	6.05	50.00	52.13	5.00	10.86	3.00	3.26	26.14	1.56	" "

A—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Virginia-Maryland Dairy Feeders Co., Inc., Baltimore, Md.	Brewers Grains
" " " "	Brewers Grains
" " " "	Brewers Grains
" " " "	Brewers Grains
Thomas Ward Distilling Co., Westminster, Md.	*Distillers Dried Corn Grains
" " " "	Distillers Dry Grain from Rye
Ward Dry Milk Co., St. Paul, Minn.	Ward's Pure Dried Buttermilk
C. B. Watkins & Co., Baltimore, Md.	Foxhall Laying Mash
" " "	Foxhall Hog Feed
Weber Flour Mills Co., Salina, Kansas	‡Tea Table Wheat Bran, with Ground Wheat Screen
Weigel Bros., Oxford, Pa.	Pure Wheat Bran
" "	*Pure Wheat Middlings
Westover Mills, Westover, Md.	Perfection Growing Mash
" "	Pure Wheat Bran
" "	Pure Wheat Middlings
Wheatena Corp., Highspire Flour Mills Div. Highspire, Pa.	Pure Winter Wheat Bran
Wheeler Supply Co., Glyndon, Md.	"Wheeler Special" Laying Mash
W. W. Wheeler, Greensboro, Md.	Laying Mash
Wilkins-Rogers Milling Co. Inc., Wash. D. C.	‡Wilroco Peanut Meal
" " "	Grassy Mead 26% Dairy Feed
" " "	Grassy Mead 26% Dairy Feed
" " "	Big Five Dairy Feed
" " "	Grassy Mead 20% Dairy Feed
" " "	Maryland Univ. 1928 Contest Egg Mash Formula
" " "	Washington Egg Mash
" " "	Washington Egg Mash
" " "	Washington Growing Mash
" " "	Grassy Mead Cailf Meal
" " "	Grassy Mead 21% Hog Feed
" " "	Washington Pure Wheat Middlings
" " "	Washington Intermediate Scratch Grains
Williams Bros., Milford, Del.	‡Henlopen Laying Mash
Willowdale Farms, Nazareth, Pa.	Willowdale Farms Brand Superior Ground Alfalfa
" "	

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Medford.....	5.30	27.00	31.02	6.00	5.97	15.00	13.98	3.90	39.83	As declared on sack
Baltimore....	6.34	27.00	30.93	6.00	6.69	15.00	12.88	3.53	39.63	" "
Providence..	7.32	27.00	29.40	6.00	6.27	15.00	13.87	3.41	39.73	" "
Linwood.....	6.41	27.00	31.06	6.00	5.64	15.00	13.12	3.22	40.55	" "
College Park.	6 41	27.91	26.06	11.53	8.53	14.17	13.35	2.70	42.50	" "
Hampstead..	7.86	20.62	27.47	6.90	10.45	14.85	13.52	1.79	38.91	" "
Denton.....	.....	30.00	30.89	5.00	x6.08	.....	.....	9.00	.....	" "
Baltimore....	9.41	20.13	21.94	4.85	5.18	8.25	9.03	10.24	44.20	" "
Baltimore....	9.41	15.25	18.60	2.98	5.11	7.33	8.36	8.13	50.39	" "
La Plata.....	8.55	14.50	17.72	3.50	4.44	11.50	9.81	7.50	51.98	" "
Rising Sun..	9.83	14.00	15.53	3.00	4.25	12.00	7.50	6.00	56.89	" "
Rising Sun..	10.94	14.00	13.78	4.00	3.01	8.00	1.82	1.78	68.67	" "
Westover....	9 04	16.00	14.92	4.00	3.78	6.00	5.89	6.90	59.47	" "
Westover....	8.19	13.00	13.34	3.50	3.67	10.00	8.96	6.69	59.15	" "
Westover....	10.70	13.00	13.43	3.50	3.22	5.00	2.72	2.62	67.31	" "
Maugansville.	9.31	13.00	14.83	2.50	3.66	10.50	8.65	6.49	57.06	" "
Glyndon.....	8.75	20.00	22.11	4.50	4.95	7.00	9.65	8.66	45.88	A.
Greensboro..	8.73	19.50	19.31	5.00	5.62	5.50	10.20	8.68	47.46	A.
Monrovia....	5.86	41.00	45.63	6.00	6.99	12.00	6.77	8.65	26.10	As declared on sack
Aberdeen....	8.11	26.00	26.41	5.00	4.61	9.00	8.76	6.98	45.13	" "
Monrovia....	8 76	26.00	27.38	5.00	4.86	9.00	9.27	7.23	42.50	" "
Anacostia....	7.74	20.00	23.17	5.00	5.41	.12.00	9.43	6.16	48.09	" "
Anacostia....	8.27	20.00	21.41	5.00	5.10	9.00	9.21	5.79	50.22	A.
Anacostia....	8.04	20.00	20.36	5.00	5.50	7.00	6.06	9.00	51.05	As declared on sack
Rockville....	8 09	22.00	23.87	5.00	5.74	8.00	5.09	13.26	43.95	A.
Anacostia....	8.43	22.00	23.87	5.00	5.84	8.00	4.92	11.75	45.19	A.
Up. Marlboro.	7.60	17.00	19.74	5.00	5.44	6.00	4.57	8.30	54.35	As declared on sack
Up. Marlboro.	7.91	22.00	25.01	4.50	5.35	6.00	4.27	7.04	50.42	" "
Up. Marlboro.	8 51	21.00	21.94	6.00	6.13	7.00	7.45	7.64	48.33	A.
Clinton.....	9.90	15.50	16,23	4.00	5.15	7.00	5.18	5.17	58.37	As declared on sack
Up. Marlboro.	10.44	10.00	10.71	2.50	3.70	3.00	2.14	1.82	71.19	" "
Greensboro...	8.37	17.00	18.25	4.00	4.67	9.00	7.42	8.52	52.77	" "
Frederick....	2.88	17.00	19.92	2.00	2.85	25.00	24.84	10.15	39.36	" "

A—Ingredients on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Allied Mills Inc., Chicago, Ill.	Wayne Dog Food (complete)
" "	Wayne Dog Food (complete)
Austin Dog Bread & Animal Food Co. Chelsea, Mass.	Austin's Dog Bread Flakes
" "	Austin's Puppy Biscuit
" "	Austin's Puppy Biscuit
Baltimore Feed & Grain Co., Balto., Md.	Steako Dog & Puppy Food
Battle Creek Dog Food Co., Battle Creek, Mich.	Miller's Kibbles
" "	Miller's Quick Lunch
California Animal Products Co., Oakland, California	*Calo Cat Food
Chappel Bros. Inc., Rockford, Ill.	Ken-L-Ration
" "	Maro-Meat
" "	Pup-E-Ration
Clair & Co., Chicago, Ill.	‡Duke Brand Dog Food
Consolidated By-Product Co., Phila., Pa.	*Marco Beef Ration Dog & Cat Food
Derwood Mill, Derwood, Md.	Derwood Dog Food
" "	*Derwood Dog Food
Albert Dickinson Co., Chicago, Ill.	‡Dickinson's Dog Food
Dietrich & Gambrill, Inc., Frederick, Md.	D. & G. Dog Biscuits (whole)
John W. Eshelman & Sons, Lancaster, Pa.	‡Eshelman Red Rose Dog Food
" "	Eshelman Red Rose Dog Biscuit
Foster Canning Co. Inc., Brooklyn, N. Y.	Dr. Olding Brand Pet Ration
" "	Lucky Dog Food
Gaines Food Co., Shernurne, N. Y.	Gaines' Krunchow
" "	Gaines' Meat & Milk Meal Cooked
Hales & Hunter Co., Chicago, Ill.	‡Lucky Dog Pellets
Jem Animal Food Corp. Brooklyn, N. Y.	Bal O Ration
Justrite Co., Milwaukee, Wis.	‡Justrite Dog Biscuits
" "	‡Justrite Kibbled Dog Biscuits
Kennel Food Supply Co., Fairfield, Conn.	K.F.S. Canned Food
" "	K-9 for Dogs & Puppies

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cumberland..	6.82	30.00	30.89	4.00	6.00	4.00	4.46	8.12	43.71	As declared on sack
Baltimore....	7.55	30.00	29.40	4.00	6.16	4.00	3.98	8.26	44.65	" "
Baltimore....	8.02	16.00	19.57	1.00	1.21	2.00	.80	3.35	67.05	" "
Baltimore....	8.46	18.00	18.78	1.00	1.79	2.00	.94	4.70	65.33	" "
Baltimore....	8.10	18.00	22.29	1.00	1.57	2.00	.92	4.63	62.49	" "
Baltimore....	8.08	30.00	34.58	6.00	6.80	6.00	5.01	8.00	37.53	" "
Baltimore....	7.31	15.00	19.13	1.70	1.59	1.30	.77	4.84	66.36	" "
Baltimore....	74.07	10.50	10.35	2.50	2.59	.50	.48	2.37	10.14	" " A.
Baltimore....	76.34	10.00	8.15	2.25	1.59	.50	.52	1.72	11.68	" "
Baltimore....	68.69	10.00	11.49	2.00	3.02	2.00	.78	3.14	12.88	" "
Baltimore....	64.68	10.00	17.40	2.00	2.73	2.00	.46	7.62	7.11	B.
Baltimore....	72.05	10.00	10.85	2.00	2.75	2.00	1.70	1.73	10.92	As declared on sack
Annapolis....	73.42	10.50	11.17	3.00	4.16	.50	.72	3.01	7.52	" "
Frederick....	75.59	10.50	10.80	3.00	2.25	1.00	.97	2.71	7.68	" "
Derwood.....	8.19	25.00	24.04	4.00	4.71	4.00	5.39	16.22	41.45	C.
Derwood.....	7.48	25.00	23.43	4.00	4.99	4.00	5.03	14.14	44.93	As declared on sack
Overlea.....	7.77	22.00	25.18	4.50	5.73	3.50	3.51	10.12	47.69	D.
Baltimore....	7.84	18.00	21.59	2.50	2.91	2.00	1.87	8.19	57.60	D.
Woodsboro..	6.85	19.00	22.29	5.00	6.16	5.00	4.06	9.55	51.09	As declared on sack
Denton.....	8.64	18.00	22.38	2.50	2.59	2.00	2.37	8.91	55.11	D.
Baltimore....	70.53	9.00	12.27	3.00	3.91	.50	.77	1.27	11.25	As declared on sack
Annapolis....	69.99	7.00	8.69	2.25	4.75	.50	.73	2.89	12.95	" "
Baltimore....	7.43	23 00	25.62	3.00	5.17	4.00	4.18	13.46	44.14	" "
Baltimore....	7.89	23.00	25.97	3.00	4.85	4.00	2.92	13.43	44.94	D.
Baltimore....	8.85	25.00	25.45	5.00	5.43	6.00	4.30	7.10	48.87	As declared on sack
Baltimore....	7.73	21.00	21.94	2.50	2.78	1.25	1.76	12.40	53.39	" "
Baltimore....	8.32	20.28	20.53	.87	1.56	1.23	.96	6.27	62 36	" "
Baltimore....	8.26	18.50	19.18	.97	1.23	2.65	1.03	2.78	67.52	" "
Baltimore....	70.90	7.50	11.88	5.50	9.26	.45	.39	1.22	6.35	E.
Hagerstown..	70.25	6.00	5.72	2.40	3.71	.60	.42	.89	19.01	As declared on sack

A—Protein & Fat guarantee on package differ from license.
B—Fat & Fibre guarantee & Ingredients on package differ from license.
C—Also detected Alfalfa Meal & Peanut By-Product.
D—Ingredients on package differ from license.
E—Protein; Fat & Fibre guarantee & Ingredients on package differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Maritime Milling Co. Inc., Buffalo, N. Y.	Hunt Club Vitamized Dog Food
Meat Products Co., Cleveland, Ohio	‡Bresko Dog Food
Modern Food Process Co., Phila., Pa.	"Thrivo"
Montana Horse Products Co., Butte, Mont.	Vitamont Dog Food
John Morrell & Co., Ottumwa, Iowa	Red Heart Dog Food-Diet A
" "	Red Heart Dog Food-Diet B
" "	Red Heart Dog Food-Diet C
National Biscuit Co., New York, N. Y.	Junior Milk-Bone for Dogs & Puppies
" " "	Bennett's Milk-Bone Dog Biscuit
" " "	Bennett's Milk-Bone Puppy Biscuit
Old Mother Hubbard Dog Food Co., Gloucester, Mass.	Old Mother Hubbard Dog Food
Old Trusty Dog Food Co., Needham Hgts. Mass.	All Terrier Food
" " "	Tid Bits
Polk Miller Products Corp., Richmond, Va.	Sergeant's Dog Food
Proto, Inc., Philadelphia, Pa.	Proto A Cooked Food for Dogs & Puppies
Sandy's Pet Foods, Inc., Chicago, Ill.	‡Sandy's Dog Food
Schlesser Bros., Portland, Oregon	Man-Kind Dog Food
Spratt's Patent (AM) Limited, Newark, N. J.	Spratt's Meat-Fibrine Dog Cakes
" " " "	Spratt's Fibo
" " " "	Spratt's Ovals
Vaughan Packing Co., Kansas City, Kan.	Silver King Dog & Cat Food
Wholesale Groceries Sales Co.,—Registration P'd. by B. & B. Animal Products Corp., Harrisburg, Pa.	†W.G.S. Dog Food

† Means deficient in both protein & fat.
‡ Not Licensed at time of Sale.

MANUFACTURER AND ADDRESS	NAME OF FEED
East Coast Trading Co., Baltimore, Md.	Eaco Mineral Mixture
	Oberco Soluble Minerals

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore....	6.04	25.00	28.61	3.50	4.81	4.00	3.78	7.52	49.24	As declared on sack
Bethesda.....	7.24	23.00	23.96	2.00	3.10	1.00	3.75	11.97	49.98	A.
Baltimore....	73.78	10.00	10.96	3.00	3.60	3.00	1.46	1.94	8.26	B.
Baltimore....	79.98	10.00	10.34	2.00	2.14	.50	.29	5.07	2.18	As declared on sack
Cumberland.	73 25	12.00	12.27	5.00	5.25	1.00	.52	2.62	6.09	" "
Cumberland.	71.38	12.00	13.14	5.00	5.59	1.00	.77	2.02	7.10	" "
Cumberland.	70.70	12.00	13.21	5.00	6.28	1.00	.69	3.15	5.97	" "
Baltimore....	8.14	17.00	18.87	1.00	1.62	2.50	1.33	3 82	66 22	" "
Hagerstown..	8.23	17.00	20.09	1.00	1.53	2.50	1.28	3.03	65.84	" "
Hagerstown..	7.31	17.00	17.90	1.00	1.57	2.50	1.05	3.22	68.95	" "
Baltimore...	8.45	21.00	21.24	1.67	1.69	.99	1.01	6.74	60.87	" "
Baltimore....	9.52	18.82	20.01	1.41	1.14	.54	.75	2.45	66.13	" " C.
Baltimore...	8.01	18.82	20.27	1.41	.67	.54	1.01	2.58	67.46	" " D.
Baltimore....	8.70	21.44	26.68	2.74	3.34	1.50	1.32	.59	59.37	As declared on sack
Baltimore...	8.10	25.00	26.15	5.00	6.27	3.00	2.62	14 87	41.99	A.
Hagerstown..	68.18	10.50	10.48	4.50	5.48	1.00	.33	1.06	14.47	" " E.
Baltimore...	75.20	11.00	10.54	2.50	2.31	.75	.64	.87	10.44	" "
Baltimore...	6.86	19.00	21.41	1.25	2.51	2.00	1.00	2.08	66.14	" "
Baltimore...	7.76	19.00	21 76	1.25	2.24	2.00	.92	2.15	65.17	" "
Baltimore...	8.41	19.00	20.80	1.25	1.69	2.00	1.01	1.80	66 29	" "
Hagerstown..	76.34	8.43	9.13	1.99	2.38	.30	.53	1.40	10 22	" "
Mardela Sp'gs	69.38	13.00	11.01	6.00	2.30	1.00	.81	2.61	13.89	F.

A—Ingredients on package differ from license.
B—Protein; Fat & Fibre guarantee & Ingredients on package differ from license.
C—Fibre guarantee on package differs from license.
D—Protein; Fat & Fibre guarantee on package differ from license.
E—Fat guarantee on package differs from license.
F—Protein & Fat guarantee on package differ from license.

SAMPLED FROM	CALCIUM OXIDE CaO		PHOSPHORUS P_2O_5	
	Guaranteed	FOUND	Guaranteed	FOUND
Westminster.....	40.00	45.80	15.00	20.00
Germantown.....	30.00	39.15	20.00	27.20

LIME ANALYSES

A detailed report of the results obtained in the inspection and analysis of agricultural liming materials from July 1, 1934 to January 1, 1935 is contained in pages 78 to 80, inclusive. Limes are considered seriously deficient with respect to chemical analysis when they are 1 per cent or more deficient in total oxides.

ANALYSES OF AGRICULTURAL BURNT LIME (OXIDES)

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand & Insol. (no. Val.)	Total Oxides CaO+MgO
				Guaranteed	Found	Guaranteed	Found	Found	
‡3188	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agricultural Lump Lime	Woodsboro	85.00	86.85	5.00	1.40	3.09	88.25
‡3189	S. W. Barrick & Sons, Inc., Woodsboro, Md.	High Grade Agri. Lime	Woodsboro	75 00	69.30	5.00	2.99	8.39	72.29
3176	Cavetown Planing Mill Co., Cavetown, Md.	Lump Lime	Cavetown	80.00	80.60	2.00	15.42	1.06	96.02
3177	Cavetown Planing Mill Co., Cavetown, Md.	Ground Lime	Cavetown	80.00	67.75	2.00	18.84	4.31	86.59
3184	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Agricultural Lime	Frederick	86.00	75.65	4.00	20.07	.45	95.72
3185	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Ground Lime	Frederick	75.00	72.55	5.00	7.68	4.93	80.23
3180	Shank & Etzler Lime Co., Frederick, Md.	Agricultural Lump Lime	Frederick	60.00	81.40	30.00	15.22	.12	96.62
3179	Shank & Etzler Lime Co., Frederick, Md.	Ground Burned Lime	Frederick	55.00	61.45	25.00	28.43	3.14	89 88
3200	Steacy & Wilton Co., Wrightsville, Pa.	Run of Kiln Lump Agri. Lime	Denton	90.00	92.70	4.00	2.29	.39	94.99
3193	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Lump Lime	Fountain Rock	85.00	92.00	2.00	1.26	.82	93.26
‡3225	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Ground Lime	Woodsboro	75 00	67.35	8.00	9.91	7.09	77.26
‡3194	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Ground Lime	Fountain Rock	75.00	62.20	8.00	13.13	6.53	75.33
3199	Washington Building Lime Co., Balto., Md.	Agri. Ground Lime	Washington Gr	90.00	92.85	2.00	1.23	1.17	94.08
3226	Irvin M. Wertz, Hagerstown, Md.	Agricultural Lime	Downsville	60.00	62.45	5.00	5.66	13.97	68.11

ANALYSES OF AGRICULTURAL HYDRATED LIME

3236	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Woodsboro	60.00	61.20	5.00	3.68	4 22	64.88
3190	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Woodsboro	60.00	61.60	5.00	5.14	5.70	66.74
3201	Chester Valley Lime Co., West Chester, Pa.	Chester Valley Hydrated Lime	Snow Hill	46.50	46.60	31.00	30.54	2.92	77.14
‡3223	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Frederick	65 00	62.20	5.00	6.55	5.20	68.75
‡3183	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Frederick	65.00	60.65	5.00	6.61	5.58	67.26
3224	Keller Lime Co., Inc., Buckeystown, Md.	Hydrated Lime	Buckeystown	66.00	69.95	1.50	1.87	2.42	71.82
3196	Legore Lime Co., Legore, Md.	Hydrated Lime	Baltimore	65.00	66.05	5.00	5.08	1.93	71.13

ANALYSES OF AGRICULTURAL BURNT LIME (OXIDES)—Continued

		Hydrated Lime	Frederick						
3224	Keller Lime Co., Inc., Buckeystown, Md.	Hydrated Lime	Buckeystown	66.00	69.95	1.50	1.87	2.42	71.82
3196	Legore Lime Co., Legore, Md.	Hydrated Lime	Baltimore	65.00	66.05	5.00	5.08	1.93	71.13

ANALYSES OF AGRICULTURAL BURNT LIME (OXIDES)—Continued—

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand & Insol. (no. Val.)	Total Oxides CaO+MgO
				Guaranteed	Found	Guaranteed	Found	Found	
3211	H. E. Millard, Annville, Pa.	Sweet-Arrow Hydrated Lime.	Berlin	70.00	70.80	1.50	3.32	.48	74.12
3191	North American Cement Corp., Balto., Md.	Berkeley Hydrated Lime	Glyndon	70.00	72.00	2.00	1.84	.32	73.84
3181	Shank & Etzler Lime Co., Frederick, Md.	Hydrated Lime	Frederick	45.00	44.90	20.00	26.59	6.30	71.49
3192	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Hampstead	67.00	72.20	5.00	2.28	.46	74.48
3174	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Rising Sun	67.00	71.75	5.00	2.50	.49	74.25
3195	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Hydrated Lime	Fountain Rock	60.00	57.95	*2.00	6.67	6.56	64.62
3171	Universal Gypsum & Lime Co., Chicago, Ill.	Palmer Hydrated Lime	Parkton	70.00	71.55	2.00	1.66	.23	73.21
3198	Washington Building Lime Co., Balto., Md.	Standard Agri. Hydrated Lime	Washington Gr	71.00	72.95	1.00	1.08	.93	74.03
3178	Washington Building Lime Co., Balto., Md.	Standard Agri. Hydrated Lime	Dickerson	71.00	72.85	1.00	1.55	.60	74.40
3152	Washington Building Lime Co., Balto., Md.	Standard Agri. Hydrated Lime	Baltimore	71.00	72.80	1.00	1.24	.98	74.04
3187	Washington Building Lime Co., Balto., Md.	Washington Agri. Hydrated Lime	Annapolis	46.50	46.95	31.00	31.44	.54	78.39

ANALYSES OF AGRICULTURAL LIMESTONE, MARL AND OYSTER SHELLS

3173	Alba Marl Lime Co., Charles Town, W. Va.	Alba Marl	Fallston	50.00	51.95	.50	.67	3.49	52.62
3197	Herbert Bryant, Inc., Alexandria, Va.	†Pulverized Oyster Shell Lime	Washington Gr	45.00	47.50	....	.83	10.27	48.33
3182	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	†Pulverized Limestone	Frederick	50.00	53.15	....	.93	1.56	54.08
3172	Universal Gypsum & Lime Co., Chicago, Ill.	†Challenge Brand Pulverized Limestone	Parkton	51.00	52.70	3.00	2.81	1.18	55.51
3186	Washington Building Lime Co., Balto., Md.	†Standard Pulverizezd Limestone	Annapolis	53.20	54.05	.50	.91	.66	54.96

‡Indicates product deficient in total oxides
*Magnesium Oxide guarantee on sack differs from license
†Ground Shell or Stone, Mechanical Analyses see page 7.

ANALYSES OF GYPSUM OR LAND PLASTER

No.	Nam of Manufacturer	Name of Lime	Place of Sampling	Calcium Sulphate		Sand and Insol. (no value)
				Guaranteed	Found	Found
3169	American Agricultural Chemical Co., Baltimore, Md.	AA Fine Ground Nova Scotia Land Plaster	Baltimore	77.70	73.34	1.66
3168	Universal Gypsum & Lime Co., Chicago, Ill.	Land Plaster	Baltimore		73.39	1.58

Table II—Showing Mechanical Analysis of Ground Limestone & Ground Oyster Shells.

For the Chemical Analyses of these samples, see preceding table. Figures are percentages or pounds per hundred. "Mesh" indicates the sieve used. "20 Mesh" has 20 wires to the inch.

No.	Name of Manufacturer	Name of Lime or Kind	Finer than 100 Mesh	Between 80 & 100 Mesh	Between 60 & 80 Mesh	Between 40 & 60 Mesh	Between 20 & 40 Mesh	Coarser than 20 Mesh
3197	Herbert Bryant, Inc., Alexandria, Va.	Pulverized Oyster Shell Lime	30.50	10.	4.	11.50	30.	14.
3182	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Pulverized Limestone	96.	3.	0	1.	0	0
3172	Universal Gypsum & Lime Co., Chicago, Ill.	Challenge Brand Pulverized Limestone	100.	0	0	0	0	0
3186	Washington Building Lime Co., Balto., Md.	Standard Pulverized Limestone	100.	0	0	0	0	0

TABLES

The following pages contain a detailed list of the different brands of fertilizers registered for 1935 delivery, and the declared composition of each.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
American Agricultural Chemical Co., Baltimore, Md.										
AA. Tobacco Plant Bed Fertilizer Sulphate, 8-5-2	7.20	.80	5.00						2.00	
AA. Tobacco Bed Fertilizer Sulphate, 6-6-8	5.40	.60	6.00						8.00	
AA. Trucker's Favorite, 6-6-5	4.50	1.50	6.00				5.00			
AA. Prince George Tobacco Fert. Sulphate, 4-8-12	3.00	1.00	8.00						12.00	
AA. Red Leaf Tobacco Fert. Sulphate, 4-8-10	3.00	1.00	8.00						10.00	
AA. Golden Leaf Tobacco Fert. Sulphate, 4-8-7	3.00	1.00	8.00						7.00	
AA. Gladiator Fertilizer, 4-8-7	3.00	1.00	8.00							7.00
AA. Early Trucker Fertilizer, 4-8-5	3.00	1.00	8.00				2.00			3.00
AA. Climax Fertilizer, 3-12-6	2.25	.75	12.00							6.00
AA. Farmers Friend Fertilizer, 2-12-4	1.50	.50	12.00							4.00
AA. Kangaroo Komplete Kompound, 2-10-4	1.50	.50	10.00							4.00
AA. Red Dog Fertilizer, 2-9-5	1.50	.50	9.00							5.00
AA. Silk Leaf Tobacco Fert. Sulphate, 2-8-10	1.50	.50	8.00						10.00	
AA. Old Hickory Fertilizer, 2-8-10	1.50	.50	8.00				5.00			5.00
AA. Acme Fertilizer, 1-10-5	.75	.25	10.00							5.00
AA. Victory Mixture, 0-12-5			12.00				2.00			3.00
AA. 16% Superphosphate, 0-16-0			16.00							
AA. Basic Lime Phosphate, 0-13-0			13.00							
AA. Sulphate of Ammonia, 20.50-0-0	20.50									
AA. Pure Raw Bone, 3.70 TPA 20%		3.70				†20.00				
AA. Fine Ground Bone, 2.47 TPA 23%		2.47				†23.00				
AA. Pulverized Sheep & Goat Manure, 1.25 TPA 1-2		1.25								
Muriate of Potash, 0-0-48							48.00			
Detrick's Gold Basis Fertilizer, 6-6-5	3.60	2.40	6.00				5.00			
Listers Harvest Queen Fertilizer, 2-9-5	1.50	.50	9.00							5.00
Patapsco Apex Mixture, 0-12-5			12.00				2.00			3.00
Armour Fertilizer Works, Baltimore, Md.										
Sulphate of Ammonia, 20.50-0-0	20.50									
Armour's Special Top Dresser, 8-5-2	7.20	.80	5.00						2.00	
Big Crop 6-6-5 Fertilizer, 6-6-5	3.60	2.40	6.00							

† Total Phosphoric Acid.

Armour's Special Top Dresser, 8-5-2	7.20	.80	5.00	....	....	....	....	....	2.00	....

† Total Phosphoric Acid.

Big Crop 6-6-5 Fertilizer, 6-6-5	3.60	2.40	6.00	....	....	....	5.00	....	....	....
Big Crop 5-10-5 Fertilizer, 5-10-5	3.75	1.25	10.00	....	....	....	5.00	....	....	....
Armour's Vert, 5-8-6	5.00	....	8.00	....	....	....	3.00	....	3.00	....
Big Crop 4-12-4 Fertilizer, 4-12-4	3.00	1.00	12.00	....	....	....	4.00	....	....	....
Armour's Special Tobacco Grower, 4-8-12	3.00	1.00	8.00	....	....	....	....	....	12.00	....
Armour's Special Tobacco Grower, 4-8-10	3 00	1.00	8.00	....	....	....	....	....	10.00	....
Big Crop 4-8-10 Fertilizer, 4-8-10	3.00	1.00	8.00	....	....	....	10.00	....	....	....
Armour's Special Tobacco Grower, 4-8-7	3.00	1.00	8.00	....	....	....	....	....	7.00	....
Big Crop 4-8-7 Fertilizer, 4-8-7	3.00	1.00	8.00	....	....	....	7.00	....	....	....
Big Crop 4-8-5 Fertilizer, 4-8-5	2.40	1.60	8.00	....	....	....	5.00	....	....	....
Armour's Super-Fish Mixture, 3-12-6	1.80	1.20	12.00	....	....	....	6.00	....	....	....
Big Crop 3-12-6 Fertilizer, 3-12-6	2.25	.75	12.00	....	....	....	6.00	....	....	....
Big Crop 3-8-10 Fertilizer, 3-8-10	2.25	.75	8.00	....	....	....	10.00	....	....	....
Big Crop 2-12-6 Fertilizer, 2-12-6	1.50	.50	12.00	....	....	....	6.00	....	....	....
Big Crop 2-12-4 Fertilizer, 2-12-4	1.50	.50	12.00	....	....	....	....	....	....	4.00
Big Crop 2-9-5 Fertilizer, 2-9-5	1.50	.50	9.00	....	....	....	....	....	....	5.00
Armour's Special Tobacco Grower, 2-8-10	1.50	.50	8.00	....	....	....	....	....	10.00	....
Big Crop 2-8-10 Fertilizer, 2-8-10	1.50	.50	8.00	....	....	....	10.00	....	....	....
Armour's Royal Fish Mixture, 1-10-5	.60	.40	10.00	....	....	....	....	....	....	5 00
Ground Tankage 7%, 7-0-0	....	7.00	....	....	....	....	....	....	....	....
Bone Meal, 2.47 TPA 23-0	....	2.47	....	....	....	†23.00	....	....	....	....
Raw Bone Meal, 3.70 TPA 20-0	....	3.70	....	....	....	†20.00	....	....	....	....
Sheep & Goat Manure, 1.25 TPA 1-2	....	1.25	....	....	....	....	....	....	....	....
Big Crop 0-12-5 Fertilizer, 0-12-5	....	....	12.00	....	....	....	5.00	....	....	....
Big Crop Superphosphate 20%, 0-20-0	....	....	20.00	....	....	....	....	....	....	....
Big Crop Superphosphate 16%, 0-16-0	....	....	16.00	....	....	....	....	....	....	....
Big Crop Lime Phosphate 16%, 0-16-0	....	....	16.00	....	....	....	....	....	....	....
Muriate of Potash, 0-0-48	....	....	....	....	....	....	48.00	....	....	....
Kainit, 14%, 0-0-14	....	....	....	....	....	....	....	14.00	....	....
Barrett Co., New York, N. Y.										
Arcadian Sulphate of Ammonia, 20.56-0-0	20.56	....	....	....	....	....	....	....	....	....
Sulphate of Ammonia, 20.56-0-0	20.56	....	....	....	....	....	....	....	....	....
Baugh & Sons Co., Baltimore, Md.										
Original Potato Guano, 6-6-5	3.60	2.40	6.00	....	....	....	4.00	....	....	†1.00
Truckers Favorite, 5-10-5	4.20	.80	10.00	....	....	....	5.00	....	....	....
Balanced Plant Food, 4-12-4	3.20	.80	12.00	....	....	....	4.00	....	....	....
Half Century Perfection Brand, 4-8-7	3.20	.80	8.00	....	....	....	7.00	....	....	....
Peruvian Guano Substitute, 4-8-5	3.20	.80	8 00	....	....	....	5.00	....	....	....
Three Quarter Century Perfection Brand, 3-12-6	2.25	.75	12.00	....	....	....	6.00	....	....	....

† Sulphate of Potash Magnesia.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Baugh & Sons Co., Baltimore, Md.										
High Grade Fish Brand, 3-12-6	1.80	1.20	11.60	....	.40	....	6.00	....	....	....
Animal Base & Potash Compound, 3-8-10	2.25	.75	8.00	....	....	....	8.00	....	....	2.00
Double Eagle Phosphate, 2-12-4	1 40	.60	12.00	....	....	....	2.00	....	....	2.00
Commercial Crop Compound, 2-8-10	1.40	.60	8.00	....	....	....	8.00	....	....	2.00
Special Potato Manure, 2-9-5	1.40	.60	9.00	....	....	....	3.00	....	....	2.00
Complete Animal Base Fertilizer, 2-9-5	1.40	.60	9.00	....	....	....	3.00	....	....	2.00
Excelsior Mixture 1-10-5	.70	.30	10.00	....	....	....	3.00	....	....	2.00
Raw Bone Meal, 3.70 TPA 21.50-0	....	3.70	....	....	....	‡21.50	....	....	....	....
Pure Steamed Bone Meal, 2.47 TPA 23-0	....	2.47	....	....	....	‡23.00	....	....	....	....
Phosphate & Potash Mixture, 0-10-10	....	....	10.00	....	....	....	8.00	....	....	2.00
Phosphate & Potash Mixture, 0-12-5	....	....	12.00	....	....	....	3.00	....	....	2.00
Baughphos, The Ideal 20% Superphosphate, 0-20-0	....	....	20.00	....	....	....	....	....	....	....
Baughphos, The Ideal 16% Superphosphate, 0-16-0	....	....	16.00	....	....	....	....	....	....	....
Lime & Phosphate, 0-16-0	....	....	16.00	....	....	....	....	....	....	....
Chilean Nitrate Sales Corp., New York, N. Y.										
Champion Brand Chilean Nitrate of Soda, 16-0-0	16.00	....	....	....	....	....	....	....	....	....
Standard Chilean Nitrate of Soda, 15.25-0-0	15.25	....	....	....	....	....	....	....	....	....
Edelen Bros., Baltimore, Md.										
10% Top Dresesr for Tobacco Beds, 10-5-2	9.00	1.00	4.50	.50	....	....	....	....	2.00	....
Elixo Plant Food Co., Washington, D. C.										
Elixo, 1-5-1	.20	.80	....	....	†1.00	4.00	.75	....	....	†.25
Farmers & Planters Co., Salisbury, Md.										
Special High Grade, 6-6-5	4.50	1.50	4.00	1.00	.....	1.00	5.00	....	....	....
Early Vegetable, 4-8-5	2.80	1.20	6.00	1.00	....	1.00	5.00	....	....	....
XX Potash Mixture, 3-8-10	2.10	.90	6.00	1.00	....	1.00	10.00	....	....	....
Sweet Potato Special, 2-8-10	1.40	.60	6.00	1.00	....	1.00	10.00	....	....	....
Fish Brand, 2-9-5	1.40	.60	9.00	....	....	....	5.00	....	....	....

‡ Total Phosphoric Acid.
† Hog Manure.

Crop Grower, 1-10-5	.70	.30	10.00	....	....	....	5.00	....	....	....
Special Potash Mixture, 0-12-5										

Fish Brand, 2-9-5	1.40	.60	9.00				5.00			

‡ Total Phosphoric Acid.
† Hog Manure.

Crop Grower, 1-10-5	.70	.30	10.00				5.00			
Special Potash Mixture, 0-12-5			12.00				5.00			
F. & P. Acid Phosphate, 0-16-0			16.00							
John E. Fitzpatrick, Dundalk, Md.										
Fish Brand, 4-8-5	3.60	.40	8.00							5.00
Richard B. L. Fleming, Blue Ridge Summit, Pa.										
Delrosa, 2-5-3		2.00				5.00				3.†
Ford Motor Co., Dearborn, Mich.										
Ammonium Sulphate, 20.80-0-0		20.80								
Huston, Culver & Co., Seaford, Del.										
Huston, Culver & Co.'s 6%, 6-6-5	5.00	1.00	6.00				2.50			2.50
Huston, Culver & Co.'s Special, 4-8-7	3.00	1.00	8.00				5.00			2.00
Trucker, 4-8-5	3.00	1.00	8.00				2.50			2.50
Sweet Potato Mixture, 3-8-10	2.00	1.00	8.00				10.00			
Sussex Special, 2-8-10	1.50	.50	8.00				10.00			
Crop Grower, 2-9-5	1.50	.50	9.00							5.00
Huston's Special, 1-10-5	.50	.50	10.00							5.00
Wheat Special, 0-10-10			10.00				5.00			5.00
Double Potash Mixture, 0-12-5			12.00				2.50			2.50
Acid Phosphate, 0-16-0			16.00							
Maryland Milling & Supply Co., Sykesville, Md.										
Our Potato Guano, 6-6-5	5.50	.50	6.00				5.00			
Forthman's Special, 5-10-5	4.75	.25	10.00							5.00
1935 Crop Mixture, 2-12-4	1.75	.25	12.00				4.00			
Newman's Favorite, 2-9-5	1.50	.50	9.00				1.00	4.00		
Dietrich's Favorite, 1-10-5	.75	.25	10.00					5.00		
Phosphate & Potash, 0-12-5			12.00					5.00		
High Grade Super Phosphate, 0-16-0			16.00							
Medford Fertilizer Works, Medford, Md.										
2-9-5	1.50	.50	9.00					2.50		2.50
1-10-5	.75	.25	10.00					2.50		2.50
0-12-5			12.00							5.00
Menderth, Inc., Boston, Mass.										
Menderth, 0-0.13-0										

† Wood Ashes.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Miller Fertilizer Co., Baltimore, Md.										
Miller Fertilizer, 4-8-7	3.50	.50	8.00				7.00			
Miller Fertilizer, 4-8-5	3.50	.50	8.00				5.00			
Miller Fertilizer, 3-8-10	2.50	.50	8.00				10.00			
Miller Fertilizer, 2-12-4	1.50	.50	12.00				4.00			
Miller Fertilizer, 2-9-5	1.50	.50	9.00				5.00			
Miller Fertilizer, 2-8-10	1.50	.50	8.00				10.00			
Miller 16% Superphosphate, 0-16-0			16.00							
Nitragin Co., Inc., Milwaukee, Wis.										
Nitragin-Humus Medium, Legume Bacteria for the Inoculation of Legumes										
Peerless Fertilizer Co., Chestertown, Md.										
Truckers Pride, 6-6-5	5.00	1.00	6.00				4.00			1.00
4-8-7	3.50	.50	8.00				3.50			3.50
Early Trucker, 4-8-5	3.50	.50	8.00				2.50			2.50
3-8-10	2.50	.50	8.00				5.00			5.00
Fish Brand Fertilizer, 3-8-8	2.50	.50	8.00				8.00			
2-8-10	1.50	.50	8.00				7.00			3.00
Peerless, 2-9-5	1.75	.25	9.00							5.00
Superphosphate, 0-16-0			16.00							
Kainit, 0-0-14								14.00		
Plantabbs Corp., Baltimore, Md.										
Fulton's Plantabbs, 11-15-20		11.00				†15.00				‡20.00
Potomac Poultry Food Co., Inc., Baltimore, Md.										
4% Potash, Potolime, Baked Oyster Shell Lime, 0-0-4							2.00		2.00	
Read Drug & Chemical Co., Baltimore, Md.										
Plant-gro, 4-12-4	4.00		12.00				4.00			

† From Ammonium Phosphate.
‡ From Potassium Nitrate.

0-0-4 .....

† From Ammonium Phosphate.
‡ From Potassium Nitrate.

Read Drug & Chemical Co., Baltimore, Md.										
Plant-gro, 4-12-4	4.00	.....	12.00	.....	.....	.....	4.00	.....	.....	.....
Raw Bone Meal, 3.70 TPA 21.50-0	.....	3.70	.....	.....	.....	†21.50	.....	.....	.....	.....
F. S. Royster Guano Co., Baltimore, Md.										
Tobacco Bed Fertilizer, 8-5-2	6.40	1.60	5.00	.....	.....	.....	.....	.....	2.00	.....
Arrow Potato Guano, 6-6-5	3.60	2.40	6.00	.....	.....	.....	2.50	.....	.....	2.50
Prize Guano, 4-8-10	3.20	.80	8.00	.....	.....	.....	9.00	.....	.....	1.00
Quality Trucker, 4-8-7	3.20	.80	8.00	.....	.....	.....	4.50	.....	.....	2.50
Special Trucker, 4-8-5	3.20	.80	8.00	.....	.....	.....	2.50	.....	.....	2.50
Favorite Guano, 3-8-10	2.40	.60	8.00	.....	.....	.....	10.00	.....	.....	.....
Curlew Guano, 3-12-6	2.40	.60	12.00	.....	.....	.....	4.00	.....	.....	2.00
Ideal Guano, 3-8-8	2.40	.60	8.00	.....	.....	.....	8.00	.....	.....	.....
Gem Guano, 2-12-4	1.60	.40	12.00	.....	.....	.....	.....	.....	.....	4.00
Banner Guano, 2-8-10	1.60	.40	8.00	.....	.....	.....	10.00	.....	.....	.....
Big Bully Guano, 2-9-5	1.60	.40	9.00	.....	.....	.....	.....	.....	.....	5.00
Surety Guano, 1-10-5	.80	.20	10.00	.....	.....	.....	2.50	.....	.....	2.50
0-12-5 Phosphate & Potash, 0-12-5	.....	.....	12.00	.....	.....	.....	.....	.....	.....	5.00
16% Superphosphate, 0-16-0	.....	.....	16.00	.....	.....	.....	.....	.....	.....	.....
Wm. G. Scarlett & Co., Baltimore, Md.										
Greenway Brand Bone Meal, 2.50 TPA 24-0	.....	2.50	.....	.....	.....	†24.00	.....	.....	.....	.....
Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.										
Esskay Plant Food, 5-9-4	.....	5.00	.....	4.50	.....	4.50	4.00	.....	.....	.....
R. H. Slingluff Fertilizer Co., Baltimore, Md.										
10% Top Dresser for Tobacco Beds, 10-5-2	9.00	1.00	4.50	.50	.....	.....	.....	.....	2.00	.....
Tobacco Bed Compound, 6-6-8	5.50	.50	6.00	.....	.....	.....	.....	.....	8.00	.....
Truck & Potato, 4-8-7	3.50	.50	8.00	.....	.....	.....	.....	.....	.....	7.00
Thomas & Co., Frederick, Md.										
Pea Mixture, 4-8-5	3.90	.10	8.00	.....	.....	.....	5.00	.....	.....	.....
Sure Crop, 2-12-6	1.80	.20	12.00	.....	.....	.....	1.00	.....	.....	5.00
Wheat & Grass Grower, 2-9-5	1.80	.20	9.00	.....	.....	.....	.....	.....	.....	5.00
Rock & Potash, 0-12-5	.....	.....	12.00	.....	.....	.....	.....	.....	.....	5.00
Superphosphate, 0-16-0	.....	.....	16.00	.....	.....	.....	.....	.....	.....	.....
Wm. B. Tilghman Co., Salisbury, Md.										
"Q" Brand, 6-6-5	3.60	2.40	4.00	1.00	1.00	.....	5.00	.....	.....	.....
Irish P. Guano 6-6-5	4.20	1.80	4.50	1.00	.50	.....	5.00	.....	.....	.....
Melon Mixture, 4-8-7	2.00	2.00	6.00	.60	1.40	.....	7.00	.....	.....	.....

† Total Phosphoric Acid.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Wm. B. Tilghman Co., Salisbury, Md.										
Early Truck, 4-8-5	2.80	1.20	6.50	1.00	.50	....	5.00	....	....	....
Mixture "B", 3-8-10	2.10	.90	6.50	1.00	.50	....	10.00	....	....	....
Standard, 2-9-5	1.40	.60	8.00	.50	.50	....	2.50	....	....	2.50
"S.P.", 2-8-10	1.40	.60	7.00	.70	.30	....	10.00	....	....	....
Grain Mixture, 1-10-5	.70	.30	10.00	....	....	....	2.50	....	....	2.50
Raw Bone Meal, 3.70 TPA 21.50-0	....	3.70	....	....	....	†21.50	....	....	....	....
Superphosphate, 0-16-0	....	....	16.00	....	....	....	....	....	....	....
Towson Nurseries Inc., Towson, Md.										
Towson Lawn Food, 10-6-4	8.00	2.00	1.50	....	....	4.50	4.00	....	....	....
F. W. Tunnell & Co., Inc., Philadelphia, Pa.										
Virginia Potato Manure, 6-6-5	4.50	1.50	5.00	1.00	....	....	5.00	....	....	....
Early Potato Manure, 5-8-5	3.75	1.25	7.00	1.00	....	....	5.00	....	....	....
Premier Potato Manure, 4-8-7	3.00	1.00	7.00	1.00	....	....	7.00	....	....	....
Potato & Truck Manure, 2-8-10	1.00	1.00	7.00	1.00	....	....	10.00	....	....	....
Veribest Cereal Manure, 2-8-6	1.00	1.00	7.00	1.00	....	....	5.00	....	....	1.00
Grain & Grass Manure, 2-8-5	1.00	1.00	7.00	1.00	....	....	4.00	....	....	1.00
Wheat & Cereal Manure, 1-10-5	.30	.70	9.00	1.00	....	....	3.00	....	....	2.00
Urbana Laboratories, Urbana, Ill.										
Urbana Culture—Contains Living Germs for Legume Inoculation. Nutrient agar medium	....	....	....	....	....	....	....	....	....	....
Virgina-Carolina Chemical Corp., Richmond, Va.										
V-C Fairway Fertilizer (new process), 6-6-4	5.10	.90	....	....	....	‡6.00	1.00	....	....	§3.00
Bloom Aid (new process), 4-10-3	3.00	1.00	....	....	....	‡10.00	....	....	....	§3.00
Virgina-Carolina Chemical Corp., Baltimore, Md.										
V-C. 6% Truck Fertilizer, 6-6-5	3.60	2.40	6.00	....	....	....	4.50	....	*.50	....
V-C. Double Owl Brand, 4-8-7	3.00	1.00	8.00				6.50		*.50	

† Total Phosphoric Acid.
‡ Phosphate of Ammonia.
§ Sterilized Tobacco Stems.

† Total Phosphoric Acid.
‡ Phosphate of Ammonia.
§ Sterilized Tobacco Stems.

Virgina-Carolina Chemical Corp., Baltimore, Md.										
V-C. 6% Truck Fertilizer, 6-6-5	3.60	2.40	6.00	....	....	....	4.50	....	*.50	....
V-C. Double Owl Brand, 4-8-7	3.00	1.00	8.00	....	....	....	6.50	....	*.50	....
V-C. Great Truck & Vegetable Compound, 4-8-5	3.00	1.00	8.00	....	....	....	4.50	....	*.50	....
V-C. Good Luck Fertilizer, 3-12-6	2.25	.75	12.00	....	....	....	5.50	....	*.50	....
V-C. Sweet Potato Special, 3-8-10	2.25	.75	8.00	....	....	....	9.50	....	*.50	....
V-C. Owl Brand Fertilizer, 2-12-4	1.50	.50	12.00	....	....	....	2.00	....	* 50	1.50
V-C. Fish & Potash Compound, 2-9-5	1.50	.50	9.00	....	....	....	....	....	*1.00	4.00
V-C. Indian Brand Fertilizer, 2-8-10	1.50	.50	8.00	....	....	....	9.50	....	*.50	....
V-C. Star Brand Fertilizer, 1-10-5	.75	.25	10.00	....	....	....	....	....	*.50	4.50
V-C. High-Grade Potash Mixture, 0-12-5	....	....	12.00	....	....	....	....	....	*.50	4.50
V-C. 20% Superphosphate, 0-20-0	....	....	20.00	....	....	....	....	....	....	....
V-C. 16% Superphosphate, 0-16-0	....	....	16.00	....	....	....	....	....	....	....
Vita-Vim Co., Baltimore, Md.										
Vita-Vim, 6-10-4	3.50	2.50	10.00	....	....	....	....	....	4.00	....
Walker-Gordon Laboratory Co., Inc., Plainsboro, N. J.										
Bovung, TPA 2-2-2	....	2.00	....	....	....	....	....	....	....	....
Worcester Fertilizer Co., Snow Hill, Md.										
Correct Plant Food Mixture, 6-6-5	3.60	2.40	5.20	.20	.60	....	5.00	....	....	....
Correct Plant Food Mixture, 4-8-5	2.80	1.20	7.65	....	.35	....	5.00	....	....	....
Superphosphate, 0-16-0	....	....	16.00	....	....	....	....	....	....	....

* Tobacco Stems.

THE SUN JOB PRINT, BALTIMORE, MD.